

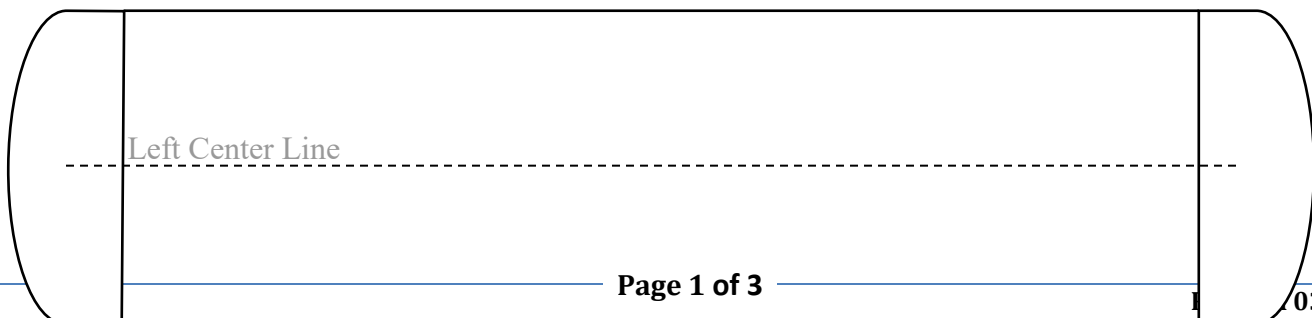
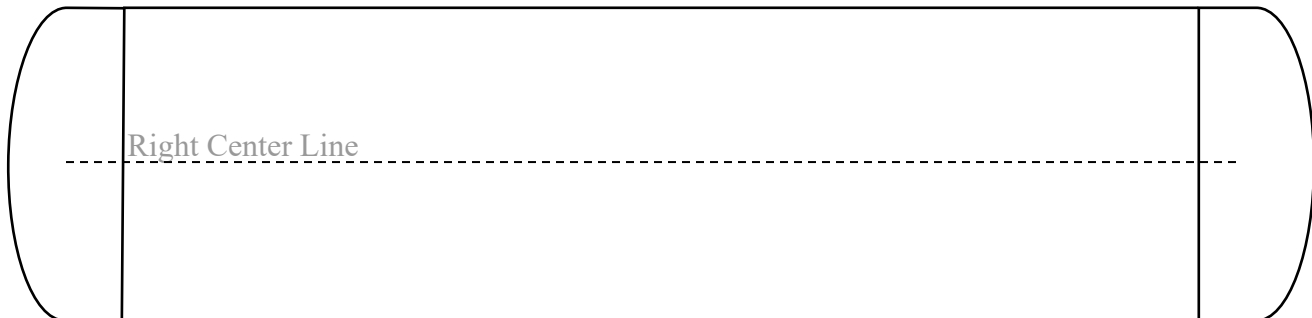
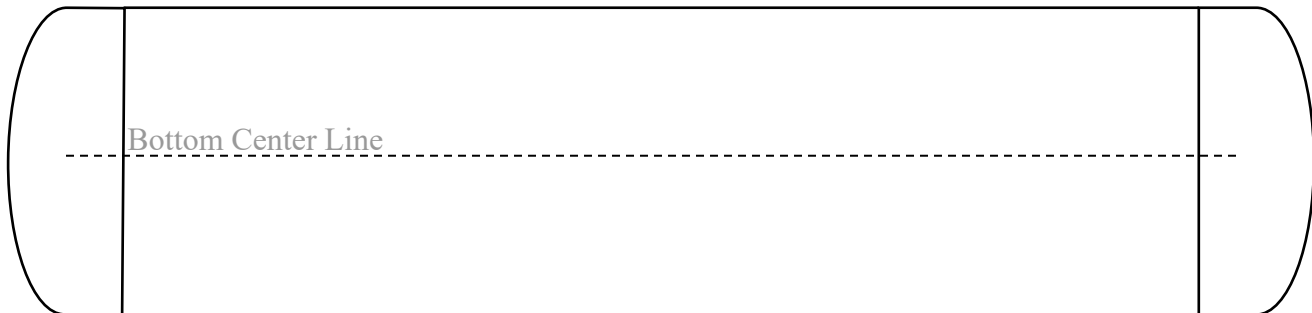
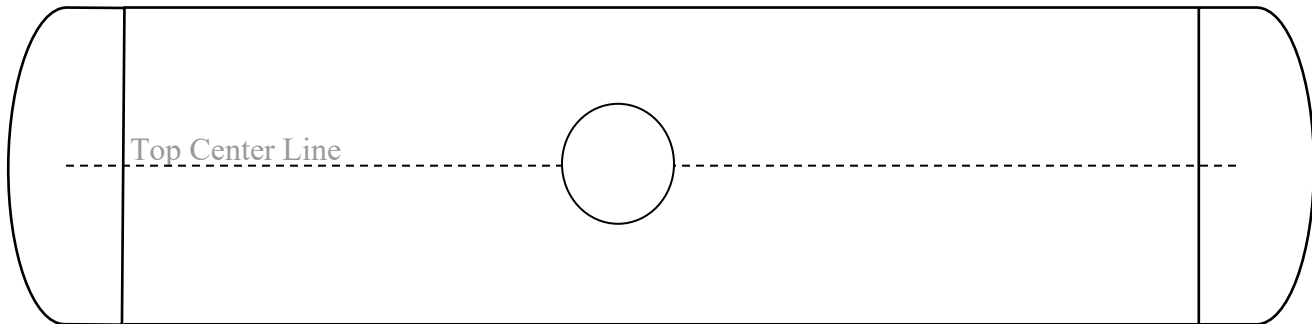


Federal Railroad Administration
Tank Car Damage Assessment Form

Reporting Marks	PPRX 171143		Car Location City/State	Custer, WA	
Date inspected	12/28/2020	Railroad	BNSF	DOT Specification	DOT 117 R 100 W
Last Contained	PETROLEUM CRUDE OIL		Was product released?	NO	
(Jacket thickness)	Jacket <u>1/8</u> _____	Non-jacketed	Does car contain product	Yes	
Car builder	TRIN	Stub Sill Design	TRN 024	Built Date	1/31/2013
Capacity (GAL)	31760		LD Limit (LB)	200200	

Indicate number on figures below within damaged areas. (sketched in by inspector)

A-END

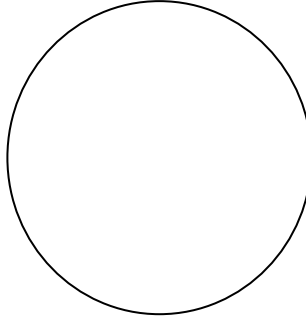
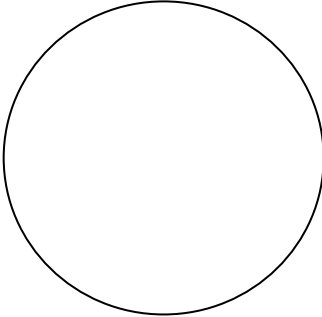




Federal Railroad Administration
Tank Car Damage Assessment Form

B-Head

A-Head



	Station Stencil	Qual.	Due
Tank Qual.	UTCO	2019	2029
Thickness	UTCO	2019	2029
Serv. Equip.	UTCO	2019	2029
PRD	75	UTCO	2019
Lining	UTCI	2019	2024
Rule 88	UTCO	2019	2029
Stub Sill	UTCO	2019	2029

Comments:

No damage car was upright and just trucks derailed

TANK OR JACKET DAMAGE

1. Document estimated location of damage on Figures located on page 1 of this report and document dimensions coinciding with number below. (photos should be numbered and attached to coincide with numbers below)

1.	Affected?	Location?	Dimensions:	Length	Width	Depth
-	Defect type?	Shape?	Possible Cause?			
2.	Affected?	Location?	Dimensions:	Length	Width	Depth
-	Defect type?	Shape?	Possible Cause?			
3.	Affected?	Location?	Dimensions:	Length	Width	Depth
-	Defect type?	Shape?	Possible Cause?			
4.	Affected?	Location?	Dimensions:	Length	Width	Depth
-	Defect type?	Shape?	Possible Cause?			
5.	Affected?	Location?	Dimensions:	Length	Width	Depth
-	Defect type?	Shape?	Possible Cause?			
6.	Affected?	Location?	Dimensions:	Length	Width	Depth
-	Defect type?	Shape?	Possible Cause?			
7.	Affected?	Location?	Dimensions:	Length	Width	Depth
-	Defect type?	Shape?	Possible Cause?			
8.	Affected?	Location?	Dimensions:	Length	Width	Depth
-	Defect type?	Shape?	Possible Cause?			

- Was this tank car exposed to fire? (Indicate one) Yes **No**
- How long was the car exposed to fire? _____ N/A
- What percentage/locations of the tank were exposed to fire? _____% Indicate location in figures on page 1.
- What material burned to create the fire that the car was exposed to? _____
- To what degree did the car roll? Initially _____ degrees and stopped at _____
- Distance traveled from track center? B-end? _____ A-end? _____ Center? _____
- Brief description of details of surfaces tank was exposed to in transit to present location? E.g. mud, track, rocks, etc...



Federal Railroad Administration
Tank Car Damage Assessment Form

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VALVE DAMAGE

Utilize Form TCAD-1.2 and supplement description as indicative of damage below:

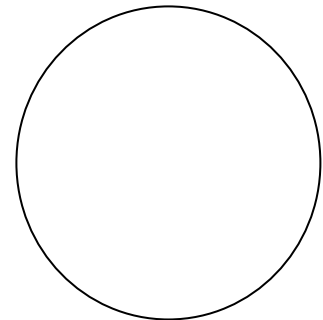
TOP

1. Number of damaged valves? N/A Document station stencil if other than qual. Decal

a	Type of damaged valve?		Manufacturer?		Cause?	
-	Gasket Type?		O-ring type?		Serial Number	
b	Type of damaged valve?		Manufacturer?		Cause?	
-	Gasket Type?		O-ring type?		Serial Number	
c	Type of damaged valve?		Manufacturer?		Cause?	
-	Gasket Type?		O-ring type?		Serial Number	
d	Type of damaged valve?		Manufacturer?		Cause?	
-	Gasket Type?		O-ring type?		Serial Number	
e	Type of damaged valve?		Manufacturer?		Cause?	
	Gasket Type?		O-ring type?		Serial Number	

Sketch in dome or dual housing arrangement information in relation to valve location in provided figure. Valve Lettering should coincide with lettering above, along with any attached pictures.

A-End



BOTTOM

2. Description of damage? Valve, Coils etc... N/A Document station stencil if other than qual. Decal

a	Type of damaged valve?		Manufacturer?		Cause?	
-	Gasket Type?		O-ring type?		Serial Number	
b	Type of damaged valve?		Manufacturer?		Cause?	
-	Gasket Type?		O-ring type?		Serial Number	
c	Type of damaged valve?		Manufacturer?		Cause?	
-	Gasket Type?		O-ring type?		Serial Number	
d	Type of damaged valve?		Manufacturer?		Cause?	
-	Gasket Type?		O-ring type?		Serial Number	
e	Type of damaged valve?		Manufacturer?		Cause?	
	Gasket Type?		O-ring type?		Serial Number	

Other information or description deemed pertinent by inspector:



Federal Railroad Administration
Tank Car Damage Assessment Form

No damage car was upright and just trucks derailed

Inspector's Name: Randall Boyington **Inspector's Signature** _____

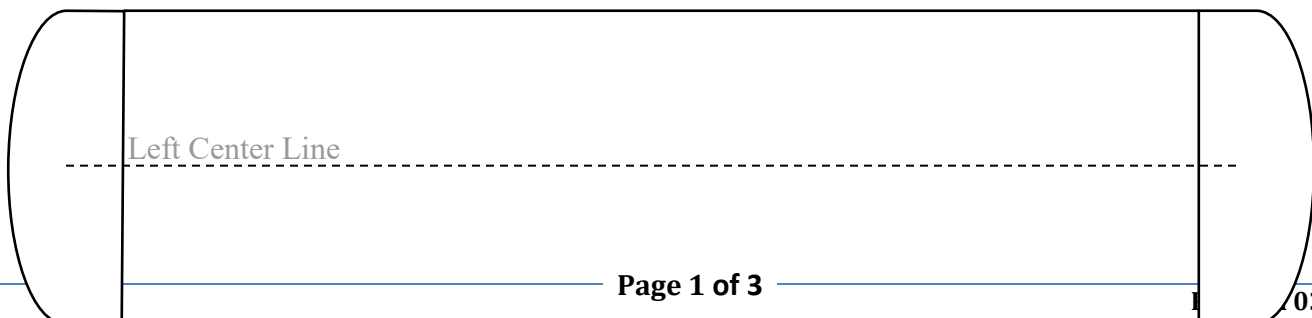
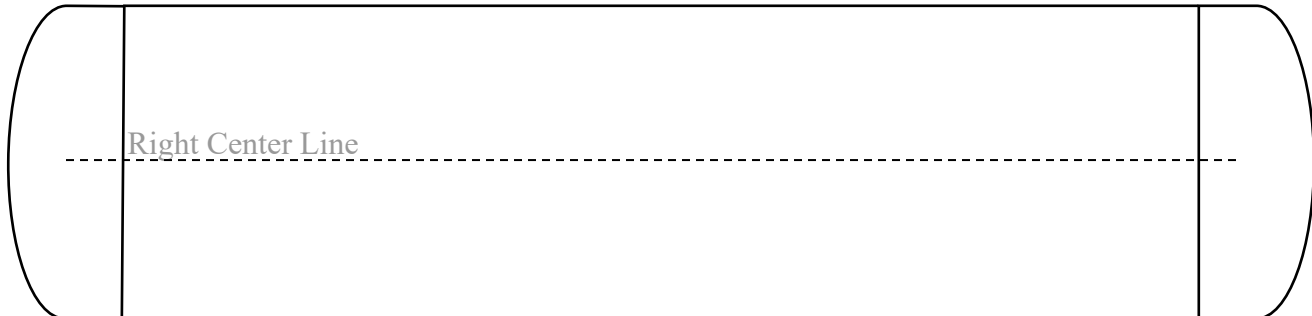
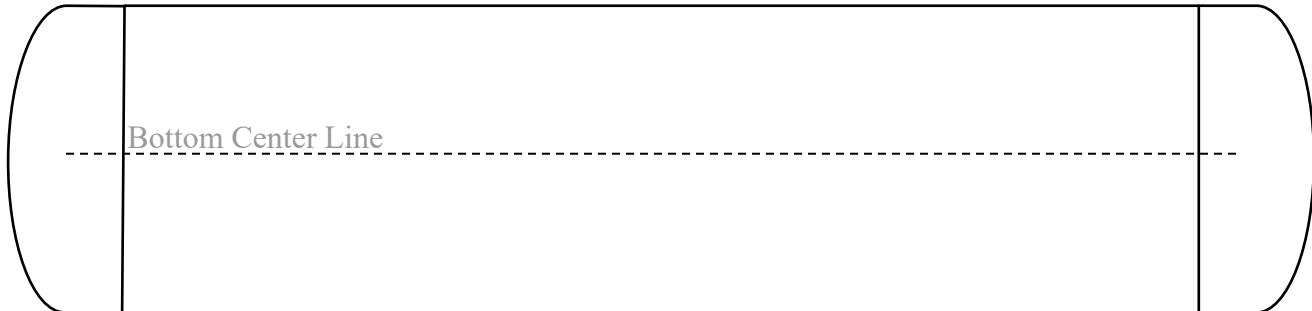
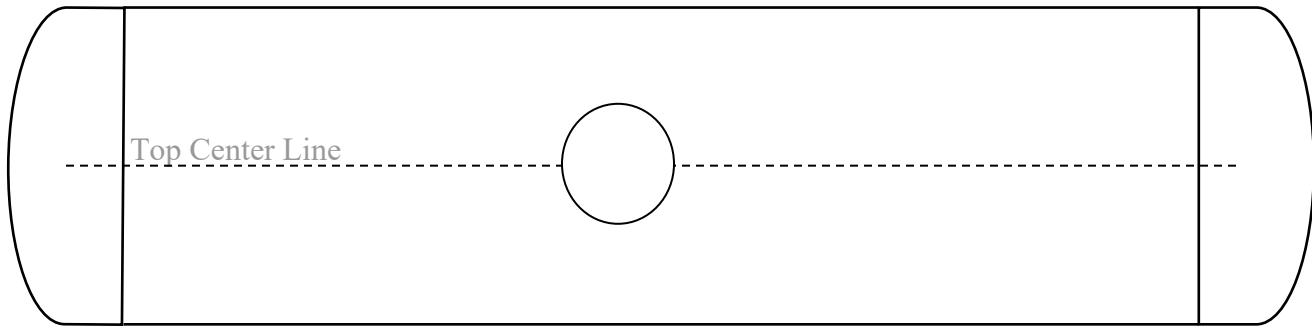


Federal Railroad Administration
Tank Car Damage Assessment Form

Reporting Marks	PPRX 172350		Car Location City/State	Custer, WA	
Date inspected	12/28/2020	Railroad	BNSF	DOT Specification	DOT 117 R 100 W
Last Contained	PETROLEUM CRUDE OIL			Was product released?	No
(Jacket thickness)	Jacket <u>1/8</u> _____	Non-jacketed		Does car contain product	Yes
Car builder	TRIN	Stub Sill Design	TRN 024	Built Date	7/1/2013
Capacity (GAL)	31,720		LD Limit (LB)	197,700	

Indicate number on figures below within damaged areas. (sketched in by inspector)

A-END

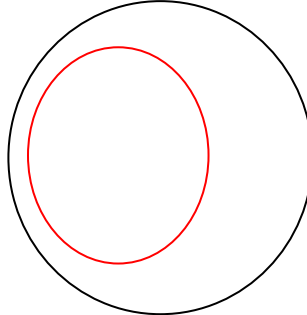
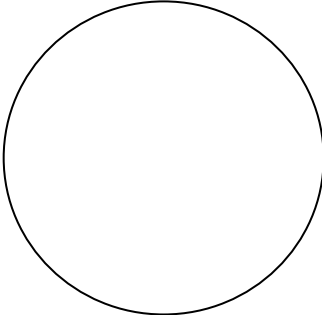




Federal Railroad Administration
Tank Car Damage Assessment Form

B-Head

A-Head



	Station Stencil	Qual.	Due
Tank Qual.	UTCO	2019	2029
Thickness	UTCO	2019	2029
Serv. Equip.	OTCO	2019	2029
PRD	75	UTCO	2019
Lining	UTCI	2019	2024
Rule 88	UTCO	2019	2029
Stub Sill	UTCO	2019	2029

Comments:

"A" end head dent. 85" high and 80" wide dent. Estimated at 6" deep

TANK OR JACKET DAMAGE

1. Document estimated location of damage on Figures located on page 1 of this report and document dimensions coinciding with number below. (photos should be numbered and attached to coincide with numbers below)

1.	Affected?	Head	Location?	"A" end	Dimensions:	Length	85" high	Width	80"	Depth	Est 6"
-	Defect type?	Dent	Shape?	Oblong	Possible Cause?	Coupler strike					
2.	Affected?		Location?		Dimensions:	Length		Width		Depth	
-	Defect type?		Shape?		Possible Cause?						
3.	Affected?		Location?		Dimensions:	Length		Width		Depth	
-	Defect type?		Shape?		Possible Cause?						
4.	Affected?		Location?		Dimensions:	Length		Width		Depth	
-	Defect type?		Shape?		Possible Cause?						
5.	Affected?		Location?		Dimensions:	Length		Width		Depth	
-	Defect type?		Shape?		Possible Cause?						
6.	Affected?		Location?		Dimensions:	Length		Width		Depth	
-	Defect type?		Shape?		Possible Cause?						
7.	Affected?		Location?		Dimensions:	Length		Width		Depth	
-	Defect type?		Shape?		Possible Cause?						
8.	Affected?		Location?		Dimensions:	Length		Width		Depth	
-	Defect type?		Shape?		Possible Cause?						

2. Was this tank car exposed to fire? (Indicate one) **Yes** No
3. How long was the car exposed to fire? Unknown
4. What percentage/locations of the tank were exposed to fire? **"A" end, 15%** Indicate location in figures on page 1.
5. What material burned to create the fire that the car was exposed to? **Petroleum crude**
6. To what degree did the car roll? Initially **90 degrees** and stopped at **Upside down**
7. Distance traveled from track center? B-end? **8 feet west** A-end? **16 feet** Center?
8. Brief description of details of surfaces tank was exposed to in transit to present location? E.g. mud, track, rocks, etc...



Federal Railroad Administration
Tank Car Damage Assessment Form

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VALVE DAMAGE

Utilize Form TCAD-1.2 and supplement description as indicative of damage below:

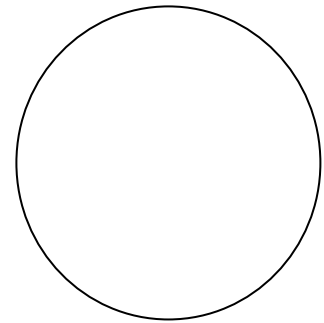
TOP

1. Number of damaged valves? **N/A** _____ Document station stencil if other than qual. Decal _____

a	Type of damaged valve?	Manufacturer?	Cause?
-	Gasket Type?	O-ring type?	Serial Number
b	Type of damaged valve?	Manufacturer?	Cause?
-	Gasket Type?	O-ring type?	Serial Number
c	Type of damaged valve?	Manufacturer?	Cause?
-	Gasket Type?	O-ring type?	Serial Number
d	Type of damaged valve?	Manufacturer?	Cause?
-	Gasket Type?	O-ring type?	Serial Number
e	Type of damaged valve?	Manufacturer?	Cause?
-	Gasket Type?	O-ring type?	Serial Number

Sketch in dome or dual housing arrangement information in relation to valve location in provided figure. Valve Lettering should coincide with lettering above, along with any attached pictures.

A-End



BOTTOM

2. Description of damage? Valve, Coils etc... **N/A** _____ Document station stencil if other than qual. Decal _____

a	Type of damaged valve?	Manufacturer?	Cause?
-	Gasket Type?	O-ring type?	Serial Number
b	Type of damaged valve?	Manufacturer?	Cause?
-	Gasket Type?	O-ring type?	Serial Number
c	Type of damaged valve?	Manufacturer?	Cause?
-	Gasket Type?	O-ring type?	Serial Number
d	Type of damaged valve?	Manufacturer?	Cause?
-	Gasket Type?	O-ring type?	Serial Number
e	Type of damaged valve?	Manufacturer?	Cause?
-	Gasket Type?	O-ring type?	Serial Number

Other information or description deemed pertinent by inspector:



Federal Railroad Administration
Tank Car Damage Assessment Form

Inspector's Name: Randall Boyington _____ **Inspector's Signature** _____

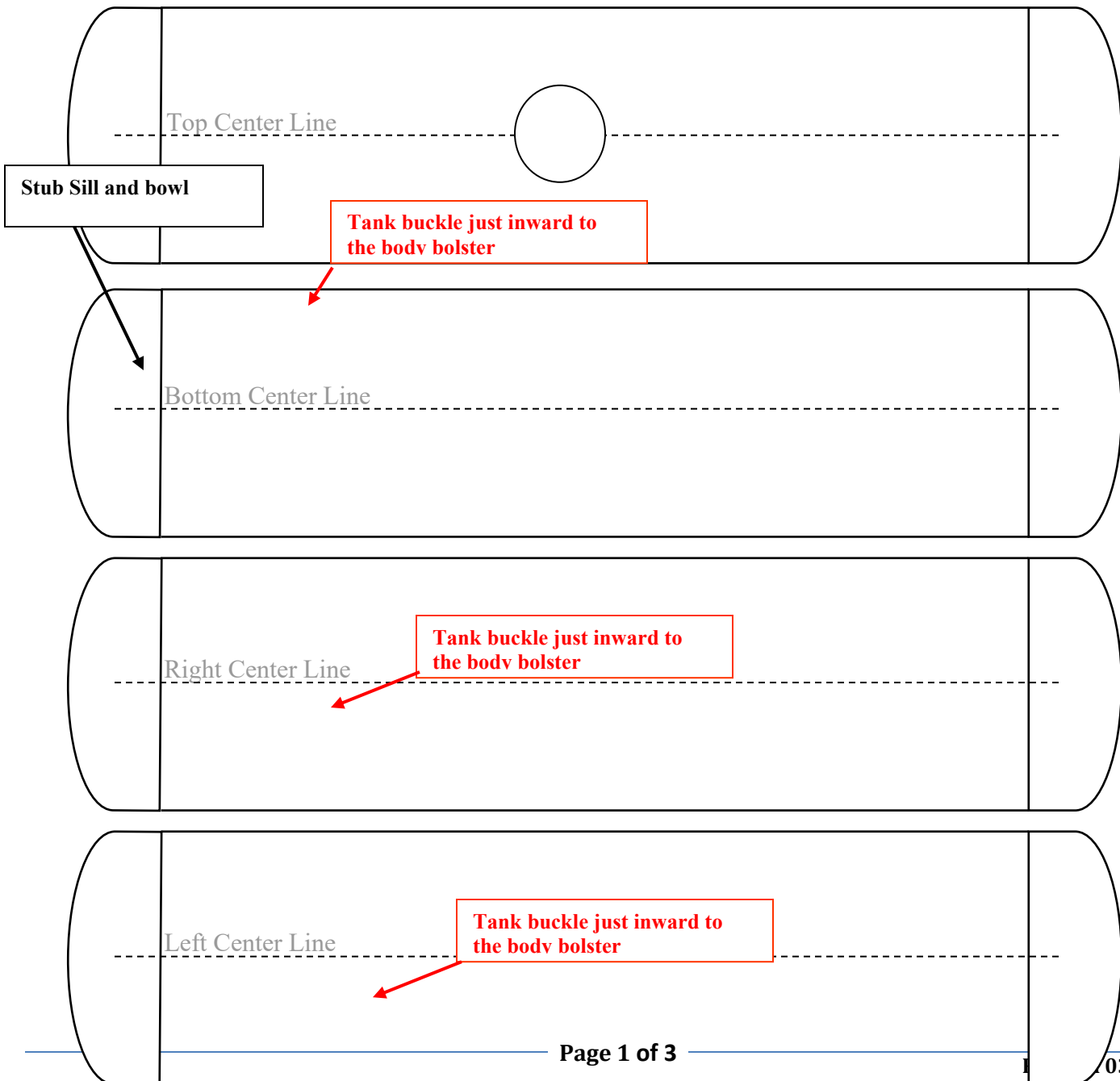


Federal Railroad Administration
Tank Car Damage Assessment Form

Reporting Marks	PPRX 172933		Car Location City/State	Custer, WA	
Date inspected	12/28/2020	Railroad	BNSF	DOT Specification	DOT 117 R 100 W
Last Contained	PETROLEUM CRUDE OIL			Was product released?	Yes
(Jacket thickness)	Jacket <u>1/8</u> _____	Non-jacketed		Does car contain product	Yes
Car builder	TRIN	Stub Sill Design	TRN 024	Built Date	10/1/2013
Capacity (GAL)	31,760		LD Limit (LB)	197,900	

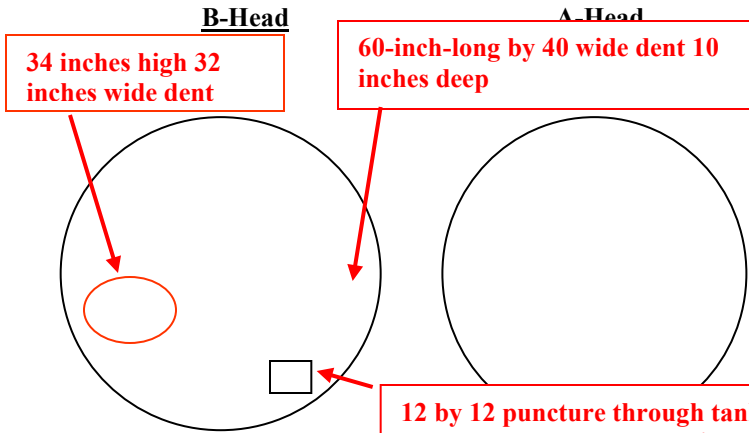
Indicate number on figures below within damaged areas. (sketched in by inspector)

A-END





Federal Railroad Administration
Tank Car Damage Assessment Form



	Station Stencil	Qual.	Due
Tank Qual.	UTCO	2019	2029
Thickness	UTCO	2019	2029
Serv. Equip.	UTCO	2019	2029
PRD	75	UTCO	2019
Lining	UTCI	2019	2024
Rule 88	UTCO	2019	2029
Stub Sill	UTCO	2019	2029

Comments:

TANK OR JACKET DAMAGE

1. Document estimated location of damage on Figures located on page 1 of this report and document dimensions coinciding with number below. (photos should be numbered and attached to coincide with numbers below)

1.	Affected?	"B" end	Location?	bottom right	Dimensions:	Length	12	Width	12	Depth	
-	Defect type?	Punch hole	Shape?	12x12	Possible Cause?	Coupler strike					
2	Affected?	"B" end	Location?	Bottom center to right	Dimensions:	Length	40	Width	60	Depth	10 inches
-	Defect type?	Dent	Shape?	Crescent moon	Possible Cause?	Coupler strike					
3	Affected?	"B" end	Location?	Left side	Dimensions:	Length	34	Width	32	Depth	2 inches
-	Defect type?	Dent	Shape?	Oblong	Possible Cause?	Unknown					
4	Affected?		Location?		Dimensions:	Length		Width		Depth	
-	Defect type?		Shape?		Possible Cause?						
5	Affected?		Location?		Dimensions:	Length		Width		Depth	
-	Defect type?		Shape?		Possible Cause?						
6	Affected?		Location?		Dimensions:	Length		Width		Depth	
-	Defect type?		Shape?		Possible Cause?						
7	Affected?		Location?		Dimensions:	Length		Width		Depth	
-	Defect type?		Shape?		Possible Cause?						
8	Affected?		Location?		Dimensions:	Length		Width		Depth	
-	Defect type?		Shape?		Possible Cause?						

- Was this tank car exposed to fire? (Indicate one) **Yes** No
- How long was the car exposed to fire? Approx 2 hours
- What percentage/locations of the tank were exposed to fire? 30 % Indicate location in figures on page 1.
- What material burned to create the fire that the car was exposed to? Petroleum crude oil



Federal Railroad Administration
Tank Car Damage Assessment Form

6. To what degree did the car roll? Initially 80 degrees and stopped at 80
7. Distance traveled from track center? B-end? 35 A-end? 45 Center? _____
8. Brief description of details of surfaces tank was exposed to in transit to present location? E.g. mud, track, rocks, etc...

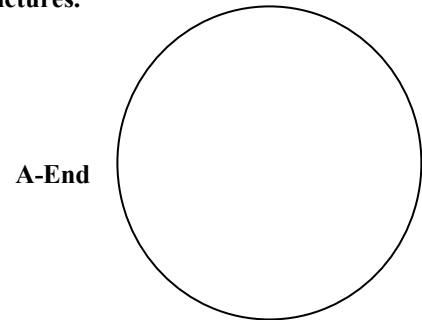
VALVE DAMAGE

Utilize Form TCAD-1.2 and supplement description as indicative of damage below:
TOP

1. Number of damaged **N/A** Document station stencil if other than qual. Decal _____

a	Type of damaged valve?		Manufacturer?		Cause?	
-	Gasket Type?		O-ring type?		Serial Number	
b	Type of damaged valve?		Manufacturer?		Cause?	
-	Gasket Type?		O-ring type?		Serial Number	
c	Type of damaged valve?		Manufacturer?		Cause?	
-	Gasket Type?		O-ring type?		Serial Number	
d	Type of damaged valve?		Manufacturer?		Cause?	
-	Gasket Type?		O-ring type?		Serial Number	
e	Type of damaged valve?		Manufacturer?		Cause?	
	Gasket Type?		O-ring type?		Serial Number	

Sketch in dome or dual housing arrangement information in relation to valve location in provided figure. Valve Lettering should coincide with lettering above, along with any attached pictures.



BOTTOM

2. Description of damage? Valve, Coils etc... N/A Document station stencil if other than qual. Decal _____

a	Type of damaged valve?		Manufacturer?		Cause?	
-	Gasket Type?		O-ring type?		Serial Number	
b	Type of damaged valve?		Manufacturer?		Cause?	
-	Gasket Type?		O-ring type?		Serial Number	
c	Type of damaged valve?		Manufacturer?		Cause?	
-	Gasket Type?		O-ring type?		Serial Number	
d	Type of damaged valve?		Manufacturer?		Cause?	
-	Gasket Type?		O-ring type?		Serial Number	
e	Type of damaged valve?		Manufacturer?		Cause?	
	Gasket Type?		O-ring type?		Serial Number	

Other information or description deemed pertinent by inspector:



Federal Railroad Administration
Tank Car Damage Assessment Form

Inspector's Name Randall Boyington **Signature** _____

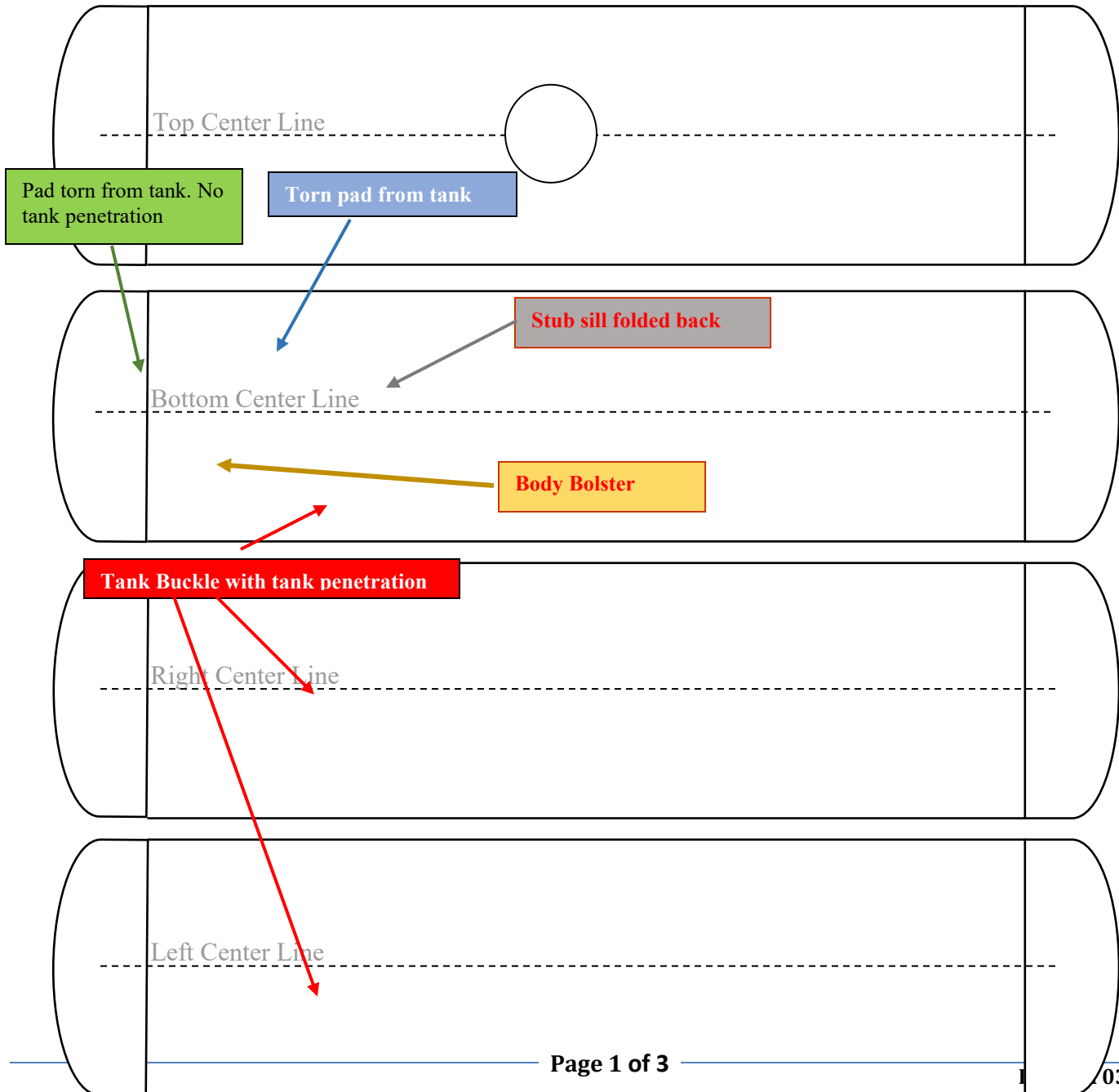


Federal Railroad Administration
Tank Car Damage Assessment Form

Reporting Marks	PPRX 172745		Car Location City/State	Custer, WA	
Date inspected	12/28/2020	Railroad	BNSF	DOT Specification	DOT 117 R 100 W
Last Contained	PETROLEUM CRUDE OIL		Was product released?	yes	
(Jacket thickness)	Jacket 1/8	Non-jacketed	Does car contain product	Yes	
Car builder	TRIN	Stub Sill Design	TRN 024	Built Date	9/1/2013
Capacity (GAL)	31,710		LD Limit (LB)	197,900	

Indicate number on figures below within damaged areas. (sketched in by inspector)

A-END

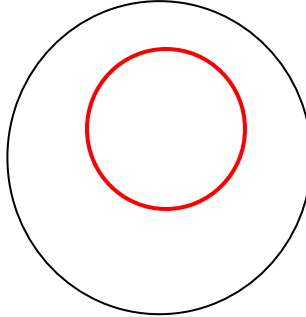
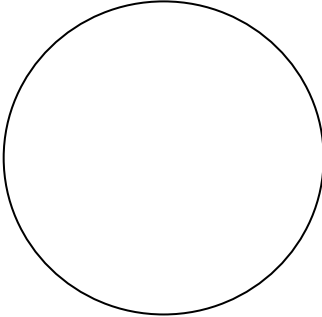




Federal Railroad Administration
Tank Car Damage Assessment Form

B-Head

A-Head



	Station Stencil	Qual.	Due
Tank Qual.	UTCO	2019	2029
Thickness	UTCO	2019	2029
Serv. Equip.	UTCO	2019	2029
PRD	75	UTCO	2019
Lining	UTCI	2019	2024
Rule 88	UTCO	2019	2029
Stub Sill	UTCO	2019	2029

Comments:

63 inches high and 54 wide. Appeared to be a coupler strike without penetration.

TANK OR JACKET DAMAGE

1. Document estimated location of damage on Figures located on page 1 of this report and document dimensions coinciding with number below. (photos should be numbered and attached to coincide with numbers below)

1.	Affected?	Location?	Dimensions:	Length	Width	Depth
-	Defect type?	Shape?	Possible Cause?			
2.	Affected?	Location?	Dimensions:	Length	Width	Depth
-	Defect type?	Shape?	Possible Cause?			
3.	Affected?	Location?	Dimensions:	Length	Width	Depth
-	Defect type?	Shape?	Possible Cause?			
4.	Affected?	Location?	Dimensions:	Length	Width	Depth
-	Defect type?	Shape?	Possible Cause?			
5.	Affected?	Location?	Dimensions:	Length	Width	Depth
-	Defect type?	Shape?	Possible Cause?			
6.	Affected?	Location?	Dimensions:	Length	Width	Depth
-	Defect type?	Shape?	Possible Cause?			
7.	Affected?	Location?	Dimensions:	Length	Width	Depth
-	Defect type?	Shape?	Possible Cause?			
8.	Affected?	Location?	Dimensions:	Length	Width	Depth
-	Defect type?	Shape?	Possible Cause?			

2. Was this tank car exposed to fire? (Indicate one) **Yes** No
3. How long was the car exposed to fire? Approx 2 Hours
4. What percentage/locations of the tank were exposed to fire? 100 % Indicate location in figures on page 1.
5. What material burned to create the fire that the car was exposed to? Petroleum Crude Oil
6. To what degree did the car roll? Initially 90 degrees and stopped at upside down
7. Distance traveled from track center? B-end? 26 feet west A-end? 30 foot West Center? _____
8. Brief description of details of surfaces tank was exposed to in transit to present location? E.g. mud, track, rocks, etc...



Federal Railroad Administration
Tank Car Damage Assessment Form

Tank buckle just inside the body bolster. Stub sill folded back, pad ripped from tank shell with no tank penetration.

VALVE DAMAGE

Utilize Form TCAD-1.2 and supplement description as indicative of damage below:

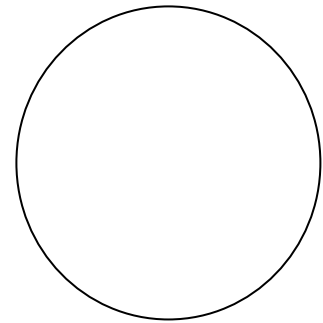
TOP

1. Number of damaged valves? N/A Document station stencil if other than qual. Decal _____

a	Type of damaged valve?		Manufacturer?		Cause?	
-	Gasket Type?		O-ring type?		Serial Number	
b	Type of damaged valve?		Manufacturer?		Cause?	
-	Gasket Type?		O-ring type?		Serial Number	
c	Type of damaged valve?		Manufacturer?		Cause?	
-	Gasket Type?		O-ring type?		Serial Number	
d	Type of damaged valve?		Manufacturer?		Cause?	
-	Gasket Type?		O-ring type?		Serial Number	
e	Type of damaged valve?		Manufacturer?		Cause?	
	Gasket Type?		O-ring type?		Serial Number	

Sketch in dome or dual housing arrangement information in relation to valve location in provided figure. Valve Lettering should coincide with lettering above, along with any attached pictures.

A-End



BOTTOM

2. Description of damage? Valve, Coils etc... BOV Document station stencil if other than qual. Decal _____

a	Type of damaged valve?	Sheared off	Manufacturer?	4" EXTERNAL FULL PORT BOV (EXISTING AND ALTERNATE) JAMESBURY 9RET - --- AAR E172109	Cause?	Roll and or slide
-	Gasket Type?		O-ring type?		Serial Number	
b	Type of damaged valve?		Manufacturer?		Cause?	
-	Gasket Type?		O-ring type?		Serial Number	
c	Type of damaged valve?		Manufacturer?		Cause?	
-	Gasket Type?		O-ring type?		Serial Number	
d	Type of damaged valve?		Manufacturer?		Cause?	
-	Gasket Type?		O-ring type?		Serial Number	
e	Type of damaged valve?		Manufacturer?		Cause?	
	Gasket Type?		O-ring type?		Serial Number	

Other information or description deemed pertinent by inspector:



Federal Railroad Administration
Tank Car Damage Assessment Form

Ballast and soft dirt

Inspector's Name Randall Boyington Inspector's Signature _____

Tank

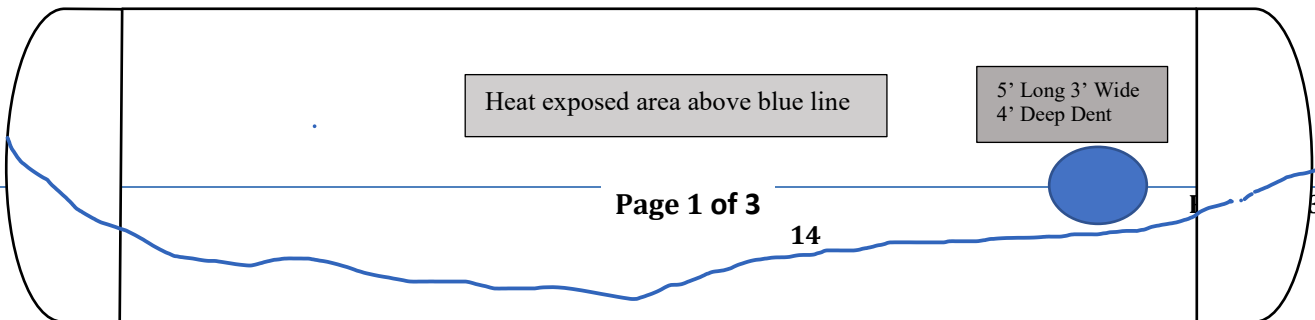
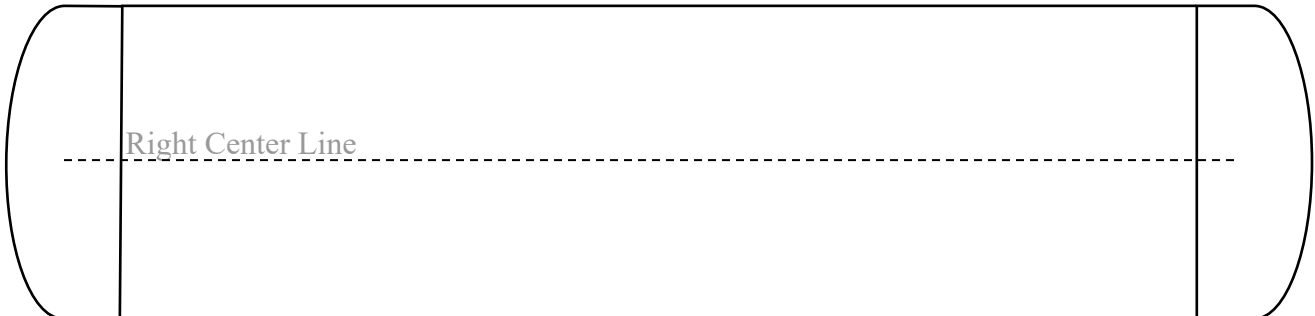
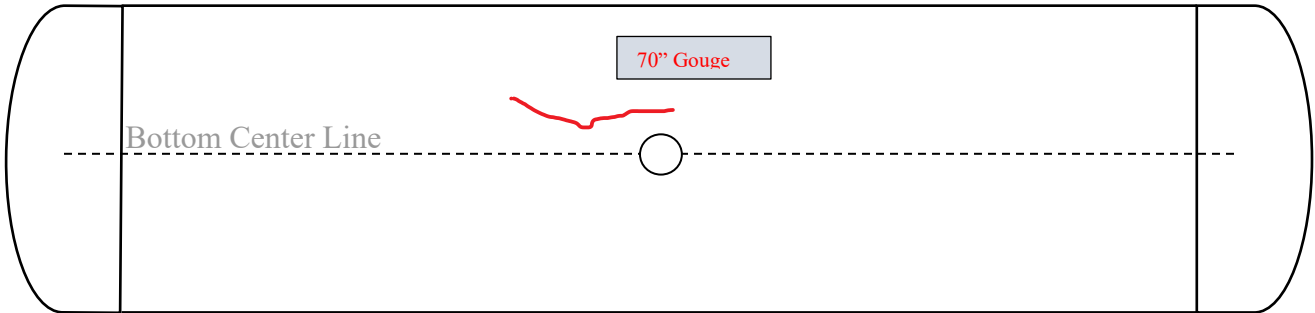
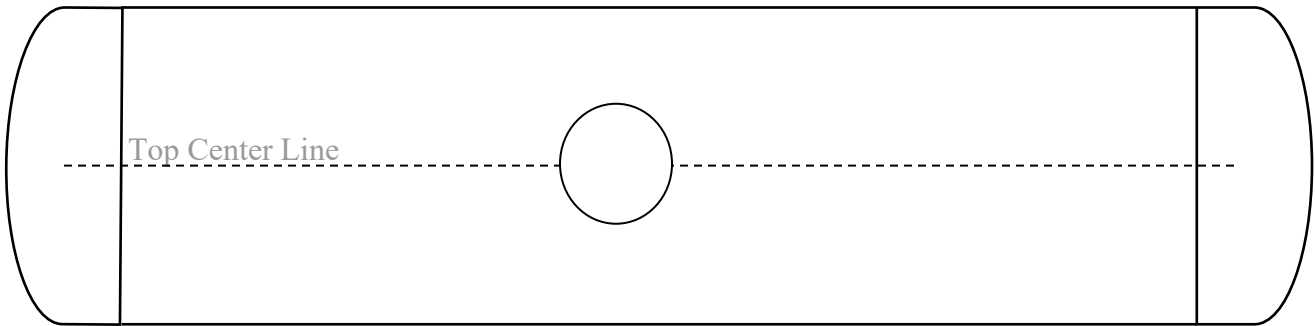


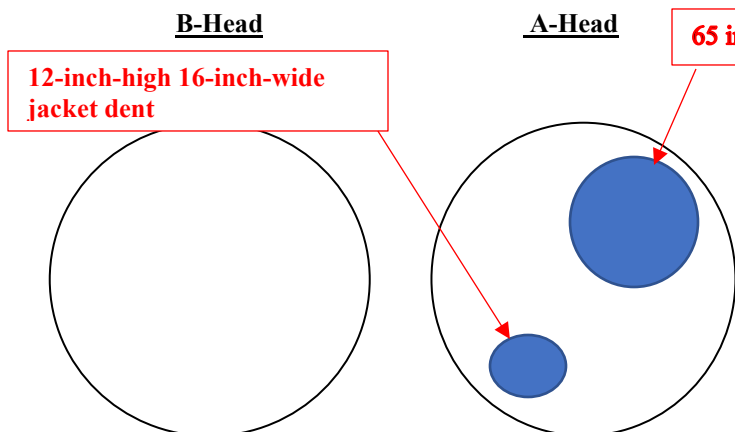
Federal Railroad Administration
Car Damage Assessment Form

Reporting Marks	TILX 360655		Car Location City/State	Custer, WA	
Date inspected	12/28/2020	Railroad	BNSF	DOT Specification	DOT 117 J 100 W
Last Contained	PETROLEUM CRUDE OIL		Was product released?	No	
(Jacket thickness)	Jacket <u>1/8</u> Non-jacketed	Does car contain product		Yes	
Car builder	TRIN	Stub Sill Design	TRN 024	Built Date	1/11/2015
Capacity (GAL)	30,260		LD Limit (LB)	195,100	

Indicate number on figures below within damaged areas. (sketched in by inspector)

A-END





	Station Stencil	Qual.	Due
Tank Qual.	MFR/TRIN	2015	2015
Thickness	GRSO	2017	2027
Serv. Equip.	GRSO	2017	2027
PRD	75	GRSO	2017
Lining			
Rule 88	MFR/TRIN	2015	2025
Stub Sill	MFR/TRIN	2015	2025

Comments:

TANK OR JACKET DAMAGE

1. Document estimated location of damage on Figures located on page 1 of this report and document dimensions coinciding with number below. (photos should be numbered and attached to coincide with numbers below)

1.	Affected?	Jacket possible tank	Location?	Bottom "B" end	Dimensions:	Length	5' long	Width	3' wide	Depth	4"
-	Defect type?	Dent	Shape?	Oblong	Possible Cause?	Unknown					
2	Affected?	Jacket	Location?	Just right of BOV	Dimensions:	Length	70"	Width	3"	Depth	Just jacket
-	Defect type?	Gouge	Shape?	Jagged	Possible Cause?	Unknown					
3	Affected?	Head Jacket	Location?	"A" end upper right	Dimensions:	Length	65 inches	Width	65 inches	Depth	10 inches deep
-	Defect type?	Dent	Shape?	Round	Possible Cause?	Coupler					
4	Affected?	Head Jacket	Location?	"A" end lower left	Dimensions:	Length	12 inch	Width	16 inches wide	Depth	



Tank

Federal Railroad Administration
Car Damage Assessment Form

-	Defect type?	Dent	Shape?	Oblong	Possible Cause?	Unknown					
5	Affected?		Location?		Dimensions:	Length		Width		Depth	
-	Defect type?		Shape?		Possible Cause?						
6	Affected?		Location?		Dimensions:	Length		Width		Depth	
-	Defect type?		Shape?		Possible Cause?						
7	Affected?		Location?		Dimensions:	Length		Width		Depth	
-	Defect type?		Shape?		Possible Cause?						
8	Affected?		Location?		Dimensions:	Length		Width		Depth	
-	Defect type?		Shape?		Possible Cause?						

- Was this tank car exposed to fire? (Indicate one) **Yes** No
- How long was the car exposed to fire? Approx 2 hours N/A
- What percentage/locations of the tank were exposed to fire? Leftside 40% Indicate location in figures on page 1.
- What material burned to create the fire that the car was exposed to? Petroleum Crude
- To what degree did the car roll? Initially Upright degrees and stopped at _____
- Distance traveled from track center? B-end? 5" West A-end? 12" East Center? _____
- Brief description of details of surfaces tank was exposed to in transit to present location? E.g. mud, track, rocks, etc...

Light exposure to head. Placard was partially melted.

VALVE DAMAGE

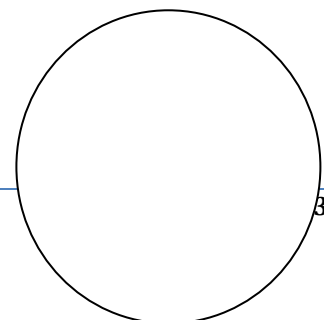
Utilize Form TCAD-1.2 and supplement description as indicative of damage below:

TOP

- Number of damaged valves? N/A Document station stencil if other than qual. Decal _____

a	Type of damaged valve?	Manufacturer?	Cause?	Roll or slide
-	Gasket Type?	O-ring type?	Serial Number	
b	Type of damaged valve?	Manufacturer?	Cause?	
-	Gasket Type?	O-ring type?	Serial Number	
c	Type of damaged valve?	Manufacturer?	Cause?	
-	Gasket Type?	O-ring type?	Serial Number	
d	Type of damaged valve?	Manufacturer?	Cause?	
-	Gasket Type?	O-ring type?	Serial Number	
e	Type of damaged valve?	Manufacturer?	Cause?	
	Gasket Type?	O-ring type?	Serial Number	

Sketch in dome or dual housing arrangement information in relation to valve location in provided figure. Valve Lettering should coincide with lettering above, along with any attached pictures.



Tank



Federal Railroad Administration
Car Damage Assessment Form

A-End

BOTTOM

2. Description of damage? Valve, Coils etc... BOV Nozzle Document station stencil if other than qual. Decal _____

a	Type of damaged valve?	BOV Nozzle	Manufacturer?	Jamesbury 9RET3	Cause?	Slide
-	Gasket Type?		O-ring type?		Serial Number	
b	Type of damaged valve?		Manufacturer?		Cause?	
-	Gasket Type?		O-ring type?		Serial Number	
c	Type of damaged valve?		Manufacturer?		Cause?	
-	Gasket Type?		O-ring type?		Serial Number	
d	Type of damaged valve?		Manufacturer?		Cause?	
-	Gasket Type?		O-ring type?		Serial Number	
e	Type of damaged valve?		Manufacturer?		Cause?	
	Gasket Type?		O-ring type?		Serial Number	

Other information or description deemed pertinent by inspector:

Sheared off nozzle with no product release

Inspector's Name: Randall Boyington Inspector's Signature _____

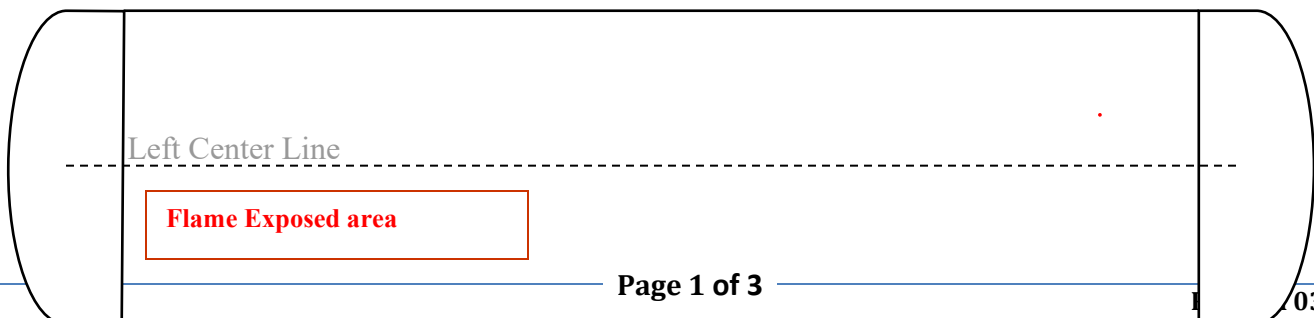
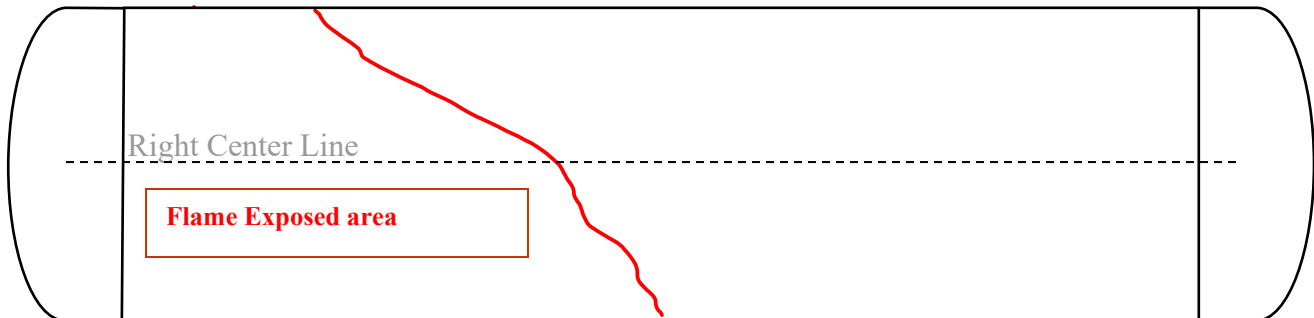
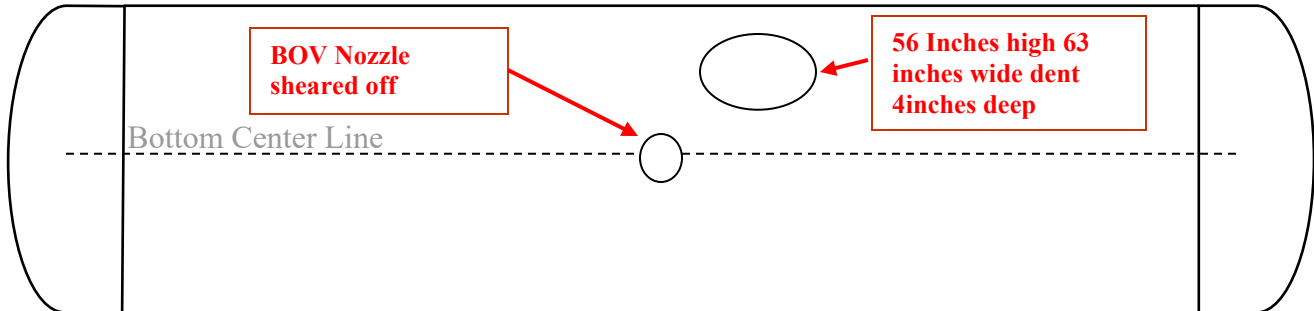
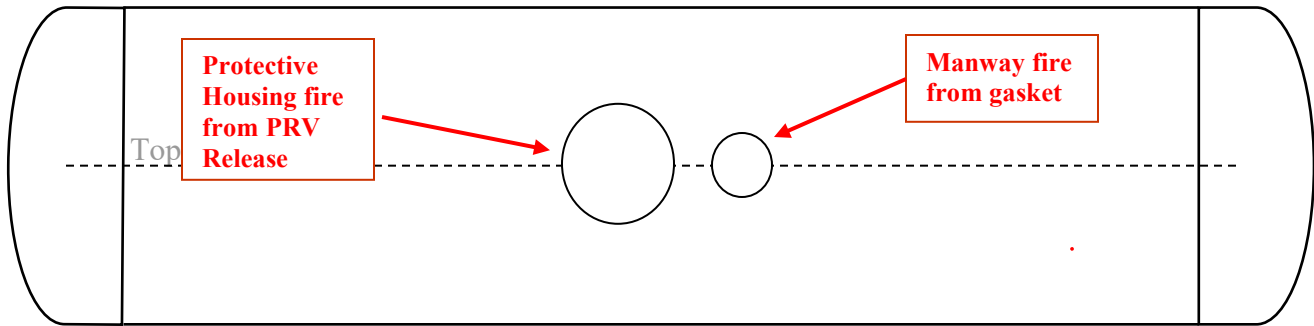


Federal Railroad Administration
Tank Car Damage Assessment Form

Reporting Marks	PPRX 172323		Car Location City/State	Custer, WA	
Date inspected	12/28/2020	Railroad	BNSF	DOT Specification	DOT 117 R 100 W
Last Contained	PETROLEUM CRUDE OIL			Was product released?	No
(Jacket thickness)	Jacket <u>1/8</u> Non-jacketed			Does car contain product	Yes
Car builder	TRIN	Stub Sill Design	TRN 024	Built Date	9/1/2013
Capacity (GAL)	31,690		LD Limit (LB)	197,900	

Indicate number on figures below within damaged areas. (sketched in by inspector)

A-END





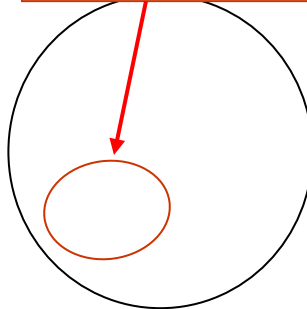
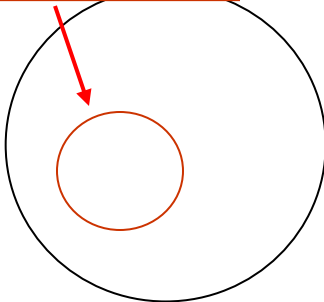
Federal Railroad Administration
Tank Car Damage Assessment Form

B-Head

A-Head

51 high 48 wide, 3.5 inches deep

29 high 39 wide, 4 inches deep



	Station Stencil	Qual.	Due
Tank Qual.	UTCO	2019	2029
Thickness	UTCO	2019	2029
Serv. Equip.	UTCO	2019	2029
PRD	75	UTCO	2019
Lining	UTCI	2019	2024
Rule 88	UTCO	2019	2029
Stub Sill	UTCO	2019	2029

Comments:

Strikes to both ends and did not penetrate the tank shell

TANK OR JACKET DAMAGE

1. Document estimated location of damage on Figures located on page 1 of this report and document dimensions coinciding with number below. (photos should be numbered and attached to coincide with numbers below)

1.	Affected?	Bottom	Location?	Bottom left	Dimensions:	Length	56 Inches	Width	63 Inches	Depth	4 Inches
-	Defect type?	Dent	Shape?	Egg shape	Possible Cause?	Unknown					
2.	Affected?		Location?		Dimensions:	Length		Width		Depth	
-	Defect type?		Shape?		Possible Cause?						
3.	Affected?		Location?		Dimensions:	Length		Width		Depth	
-	Defect type?		Shape?		Possible Cause?						
4.	Affected?		Location?		Dimensions:	Length		Width		Depth	
-	Defect type?		Shape?		Possible Cause?						
5.	Affected?		Location?		Dimensions:	Length		Width		Depth	
-	Defect type?		Shape?		Possible Cause?						
6.	Affected?		Location?		Dimensions:	Length		Width		Depth	
-	Defect type?		Shape?		Possible Cause?						
7.	Affected?		Location?		Dimensions:	Length		Width		Depth	
-	Defect type?		Shape?		Possible Cause?						
8.	Affected?		Location?		Dimensions:	Length		Width		Depth	
-	Defect type?		Shape?		Possible Cause?						

2. Was this tank car exposed to fire? (Indicate one) **Yes** No

3. How long was the car exposed to fire? Unknown N/A



Federal Railroad Administration
Tank Car Damage Assessment Form

4. What percentage/locations of the tank were exposed to fire? 70 % Indicate location in figures on page 1.
5. What material burned to create the fire that the car was exposed to? Petroleum Crude
6. To what degree did the car roll? Initially 45 degrees and stopped at left side down
7. Distance traveled from track center? B-end? 55 foot west B-end 2ft west center? _____
8. Brief description of details of surfaces tank was exposed to in transit to present location? E.g. mud, track, rocks, etc...

Ballast and soft ground

VALVE DAMAGE

Utilize Form TCAD-1.2 and supplement description as indicative of damage below:

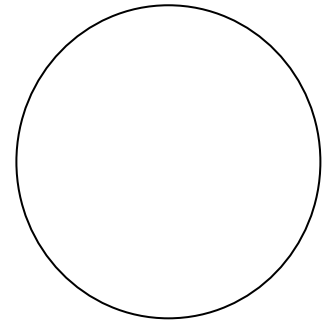
TOP

1. Number of damaged valves? **N/A** Document station stencil if other than qual. Decal _____

a	Type of damaged valve?		Manufacturer?		Cause?	
-	Gasket Type?		O-ring type?		Serial Number	
b	Type of damaged valve?		Manufacturer?		Cause?	
-	Gasket Type?		O-ring type?		Serial Number	
c	Type of damaged valve?		Manufacturer?		Cause?	
-	Gasket Type?		O-ring type?		Serial Number	
d	Type of damaged valve?		Manufacturer?		Cause?	
-	Gasket Type?		O-ring type?		Serial Number	
e	Type of damaged valve?		Manufacturer?		Cause?	
	Gasket Type?		O-ring type?		Serial Number	

Sketch in dome or dual housing arrangement information in relation to valve location in provided figure. Valve Lettering should coincide with lettering above, along with any attached pictures.

A-End



BOTTOM

2. Description of damage? **BOV Nozzle Shear** stencil if other than qual. Decal _____

a	Type of damaged valve?	BOV Nozzle	Manufacturer?	4" EXTERNAL FULL PORT BOV (EXISTING AND ALTERNATE) JAMESBURY 9RET - --- AAR E172109	Cause?	Sheared off
-	Gasket Type?		O-ring type?		Serial Number	
b	Type of damaged valve?		Manufacturer?		Cause?	
-	Gasket Type?		O-ring type?		Serial Number	
c	Type of damaged valve?		Manufacturer?		Cause?	
-	Gasket Type?		O-ring type?		Serial Number	
d	Type of damaged valve?		Manufacturer?		Cause?	
-	Gasket Type?		O-ring type?		Serial Number	
e	Type of damaged valve?		Manufacturer?		Cause?	
	Gasket Type?		O-ring type?		Serial Number	



Federal Railroad Administration
Tank Car Damage Assessment Form

Other information or description deemed pertinent by inspector:

Ballast and soft soil

Inspector's Name : Randall Boyington _____ Inspector's Signature

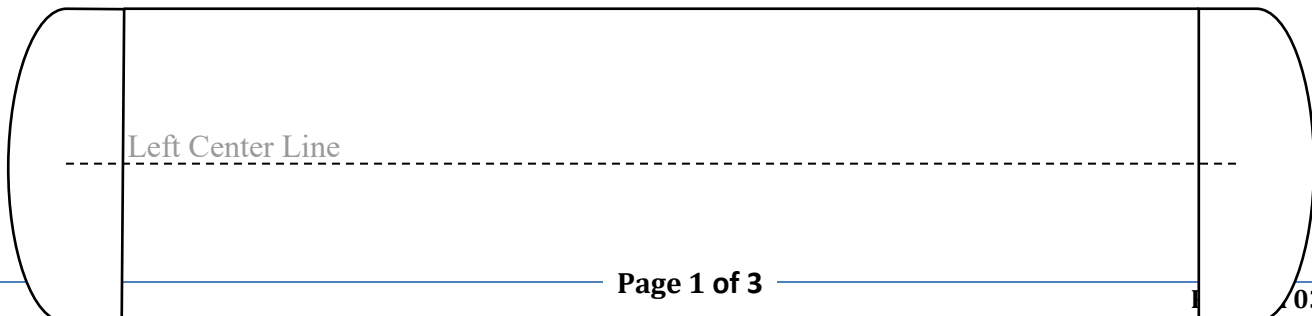
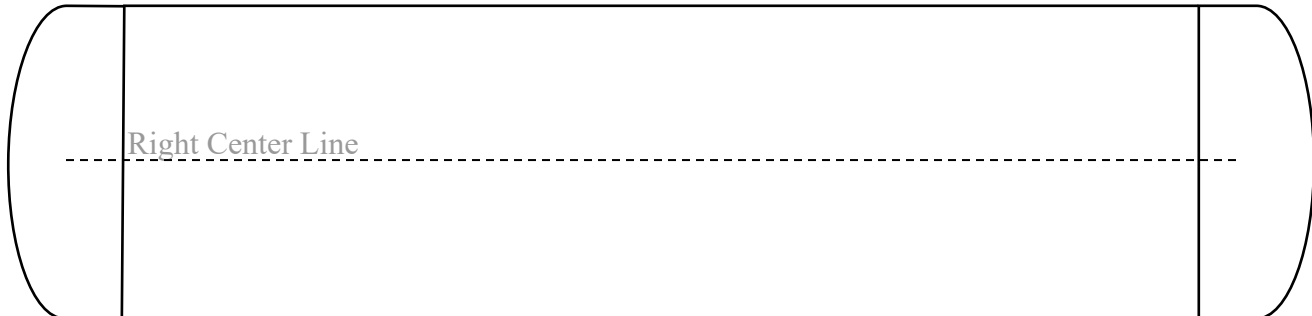
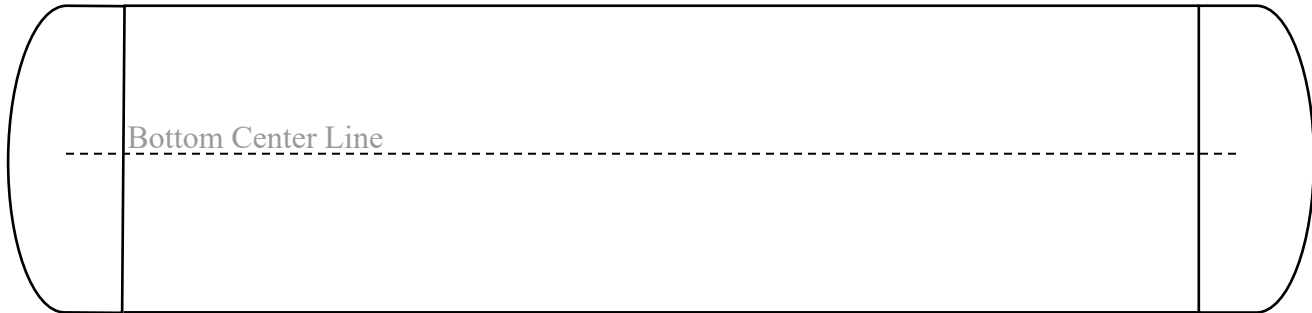
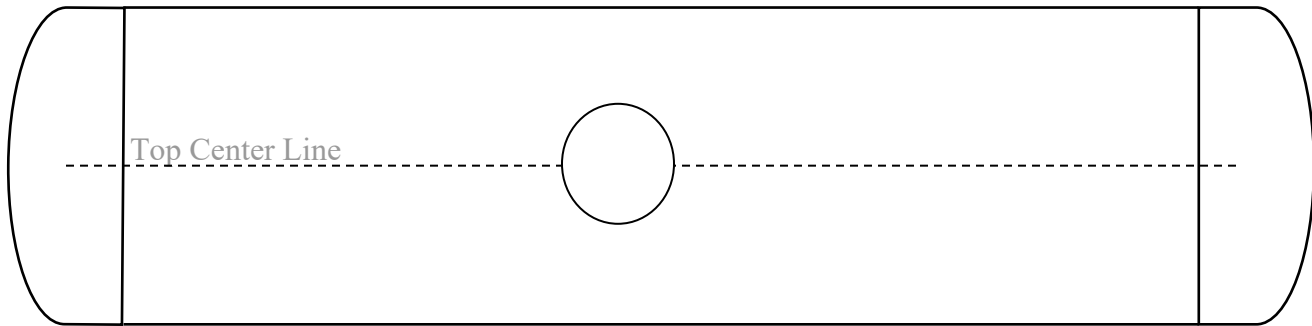


Federal Railroad Administration
Tank Car Damage Assessment Form

Reporting Marks	PPRX 172348		Car Location City/State	Custer, WA	
Date inspected	12/28/2020	Railroad	BNSF	DOT Specification	DOT 117 R 100 W
Last Contained	PETROLEUM CRUDE OIL			Was product released?	No
(Jacket thickness)	Jacket <u>1/8</u> Non-jacketed	Does car contain product		Yes	
Car builder	TRIN	Stub Sill Design	TRN 024	Built Date	3/1/2013
Capacity (GAL)	31,760		LD Limit (LB)	197,800	

Indicate number on figures below within damaged areas. (sketched in by inspector)

A-END

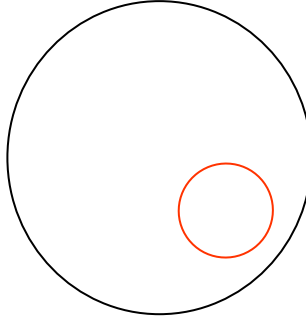
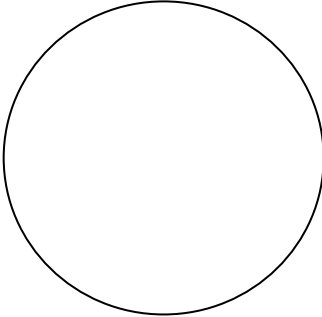




Federal Railroad Administration
Tank Car Damage Assessment Form

B-Head

A-Head



	Station Stencil	Qual.	Due
Tank Qual.	UTCO	2019	2029
Thickness	UTCO	2019	2029
Serv. Equip.	UTCO	2019	2029
PRD	75	UTCO	2019
Lining	UTCI	2019	2024
Rule 88	UTCO	2019	2029
Stub Sill	UTCO	2019	2029

Comments:

2- foot by 2-foot dent 4 inches deep. Appeared to be a coupler strike without tank penetration.

TANK OR JACKET DAMAGE

1. Document estimated location of damage on Figures located on page 1 of this report and document dimensions coinciding with number below. (photos should be numbered and attached to coincide with numbers below)

1.	Affected?	"A" end	Location?	Head	Dimensions:	Length	2 FT	Width	2 FT	Depth	4 Inches deep
-	Defect type?	Dent	Shape?	Round	Possible Cause?	Possible coupler strike					
2	Affected?		Location?		Dimensions:	Length		Width		Depth	
-	Defect type?		Shape?		Possible Cause?						
3	Affected?		Location?		Dimensions:	Length		Width		Depth	
-	Defect type?		Shape?		Possible Cause?						
4	Affected?		Location?		Dimensions:	Length		Width		Depth	
-	Defect type?		Shape?		Possible Cause?						
5	Affected?		Location?		Dimensions:	Length		Width		Depth	
-	Defect type?		Shape?		Possible Cause?						
6	Affected?		Location?		Dimensions:	Length		Width		Depth	
-	Defect type?		Shape?		Possible Cause?						
7	Affected?		Location?		Dimensions:	Length		Width		Depth	
-	Defect type?		Shape?		Possible Cause?						
8	Affected?		Location?		Dimensions:	Length		Width		Depth	
-	Defect type?		Shape?		Possible Cause?						

2. Was this tank car exposed to fire? (Indicate one) **Yes** No
3. How long was the car exposed to fire? **Unknown, light exposure leftside**
4. What percentage/locations of the tank were exposed to fire? **33** % Indicate location in figures on page 1.
5. What material burned to create the fire that the car was exposed to? **Petroleum Cude Oil**
6. To what degree did the car roll? Initially **5** degrees and stopped at **5**
7. Distance traveled from track center? B-end? **12 foot west** A-end? **5 foot east** Center? **From original track**
8. Brief description of details of surfaces tank was exposed to in transit to present location? E.g. mud, track, rocks, etc...



Federal Railroad Administration
Tank Car Damage Assessment Form

Soft ground and ballast

VALVE DAMAGE

Utilize Form TCAD-1.2 and supplement description as indicative of damage below:

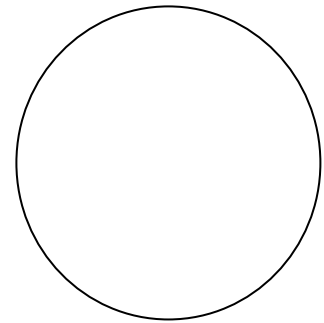
TOP

1. Number of damaged valves? N/A Document station stencil if other than qual. Decal _____

a	Type of damaged valve?		Manufacturer?		Cause?	
-	Gasket Type?		O-ring type?		Serial Number	
b	Type of damaged valve?		Manufacturer?		Cause?	
-	Gasket Type?		O-ring type?		Serial Number	
c	Type of damaged valve?		Manufacturer?		Cause?	
-	Gasket Type?		O-ring type?		Serial Number	
d	Type of damaged valve?		Manufacturer?		Cause?	
-	Gasket Type?		O-ring type?		Serial Number	
e	Type of damaged valve?		Manufacturer?		Cause?	
	Gasket Type?		O-ring type?		Serial Number	

Sketch in dome or dual housing arrangement information in relation to valve location in provided figure. Valve Lettering should coincide with lettering above, along with any attached pictures.

A-End



BOTTOM

2. Description of damage? Valve, Coils etc... N/A Document station stencil if other than qual. Decal _____

a	Type of damaged valve?		Manufacturer?		Cause?	
-	Gasket Type?		O-ring type?		Serial Number	
b	Type of damaged valve?		Manufacturer?		Cause?	
-	Gasket Type?		O-ring type?		Serial Number	
c	Type of damaged valve?		Manufacturer?		Cause?	
-	Gasket Type?		O-ring type?		Serial Number	
d	Type of damaged valve?		Manufacturer?		Cause?	
-	Gasket Type?		O-ring type?		Serial Number	
e	Type of damaged valve?		Manufacturer?		Cause?	
	Gasket Type?		O-ring type?		Serial Number	

Other information or description deemed pertinent by inspector:



Federal Railroad Administration
Tank Car Damage Assessment Form

Inspector's Name: Randall Boyington _____ **Inspector's Signature** _____

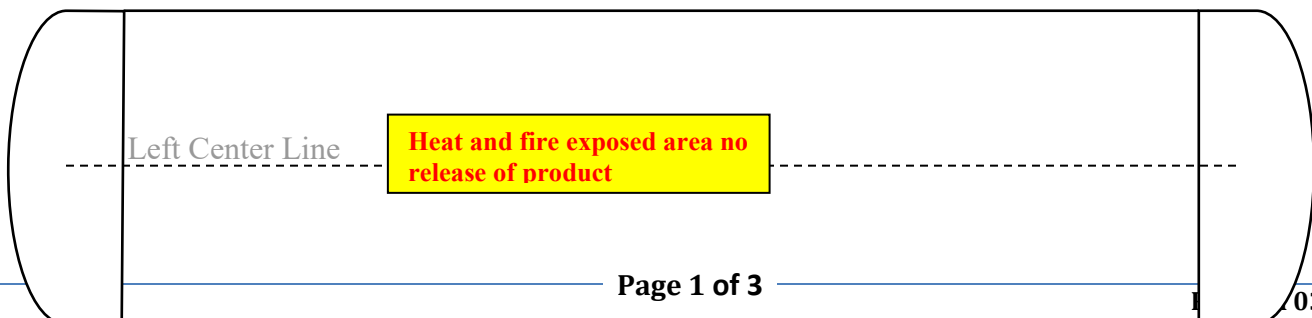
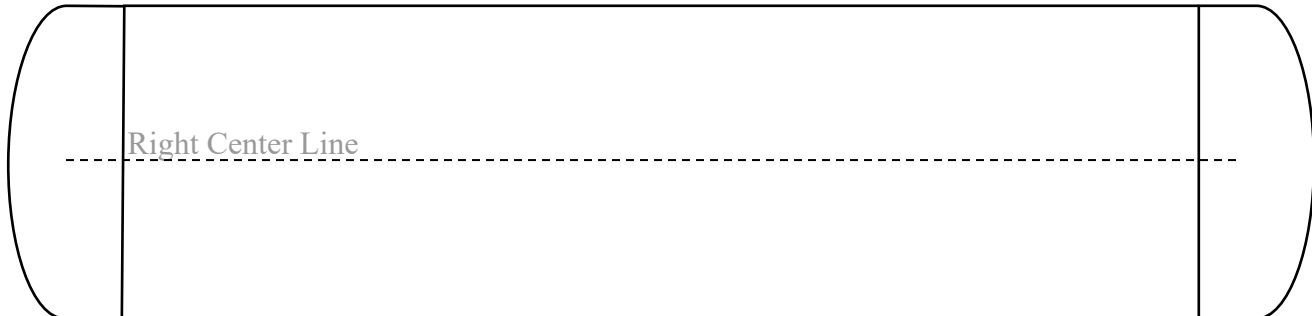
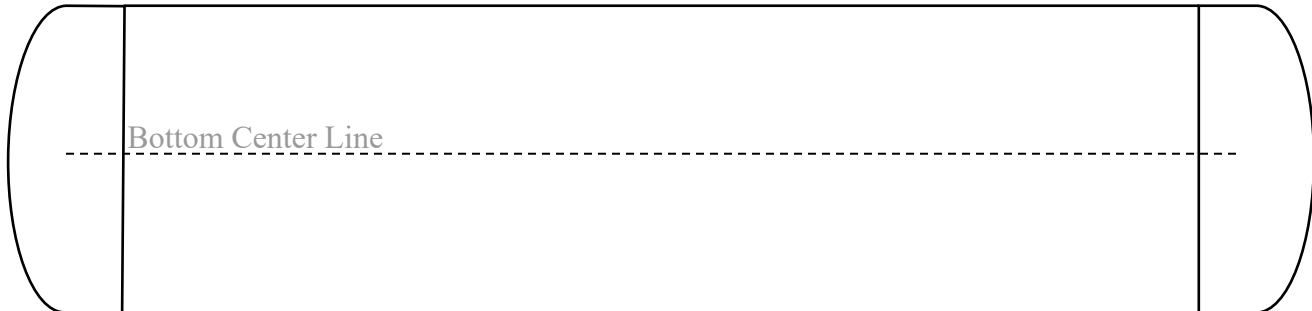
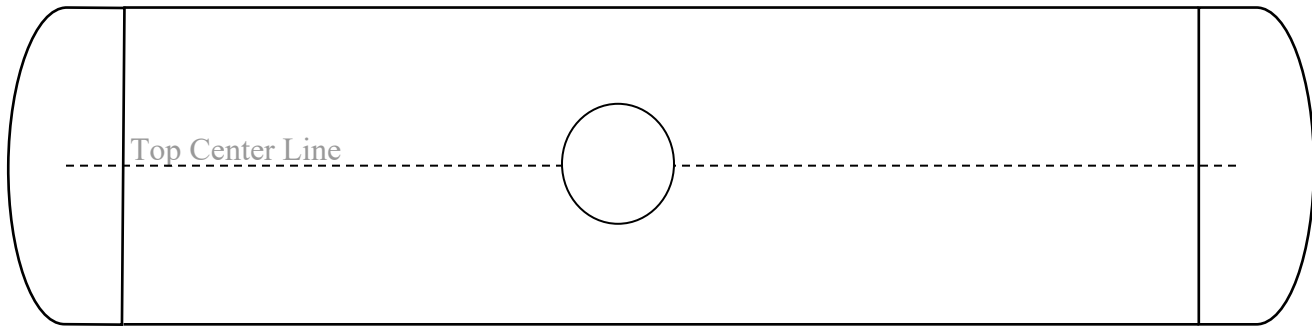


Federal Railroad Administration
Tank Car Damage Assessment Form

Reporting Marks	PPRX 172360		Car Location City/State	Custer, WA	
Date inspected	12/28/2020	Railroad	BNSF	DOT Specification	DOT 117 R 100 W
Last Contained	PETROLEUM CRUDE OIL			Was product released?	No
(Jacket thickness)	Jacket <u>1/8</u> _____	Non-jacketed		Does car contain product	Yes
Car builder	TRIN	Stub Sill Design	TRN 024	Built Date	9/1/2013
Capacity (GAL)	31,760		LD Limit (LB)	197,900	

Indicate number on figures below within damaged areas. (sketched in by inspector)

A-END

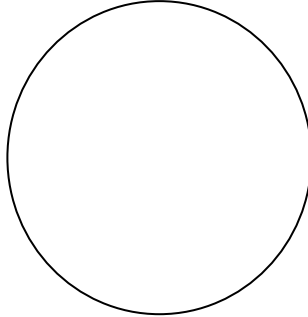
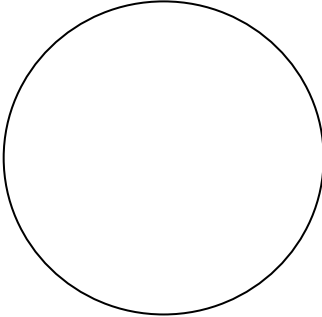




Federal Railroad Administration
Tank Car Damage Assessment Form

B-Head

A-Head



		Station Stencil	Qual.	Due
Tank Qual.		UTCO	2019	2029
Thickness		UTCO	2019	2029
Serv. Equip.		UTCO	2019	2029
PRD	75	UTCO	2019	2029
Lining		UTCI	2019	2024
Rule 88		UTCO	2019	2029
Stub Sill		UTCO	2019	2029

Comments:

TANK OR JACKET DAMAGE

1. Document estimated location of damage on Figures located on page 1 of this report and document dimensions coinciding with number below. (photos should be numbered and attached to coincide with numbers below)

1.	Affected?		Location?		Dimensions:	Length		Width		Depth	
-	Defect type?		Shape?		Possible Cause?						
2.	Affected?		Location?		Dimensions:	Length		Width		Depth	
-	Defect type?		Shape?		Possible Cause?						
3.	Affected?		Location?		Dimensions:	Length		Width		Depth	
-	Defect type?		Shape?		Possible Cause?						
4.	Affected?		Location?		Dimensions:	Length		Width		Depth	
-	Defect type?		Shape?		Possible Cause?						
5.	Affected?		Location?		Dimensions:	Length		Width		Depth	
-	Defect type?		Shape?		Possible Cause?						
6.	Affected?		Location?		Dimensions:	Length		Width		Depth	
-	Defect type?		Shape?		Possible Cause?						
7.	Affected?		Location?		Dimensions:	Length		Width		Depth	
-	Defect type?		Shape?		Possible Cause?						
8.	Affected?		Location?		Dimensions:	Length		Width		Depth	
-	Defect type?		Shape?		Possible Cause?						

2. Was this tank car exposed to fire? (Indicate one) **Yes** No
3. How long was the car exposed to fire? Unknown N/A
4. What percentage/locations of the tank were exposed to fire? _____% Indicate location in figures on page 1.
5. What material burned to create the fire that the car was exposed to? _____
6. To what degree did the car roll? Initially 10 degrees and stopped at 10 degrees
7. Distance traveled from track center? B-end? minimal A-end? 12 ft Center? _____
8. Brief description of details of surfaces tank was exposed to in transit to present location? **Soft ground**



Federal Railroad Administration
Tank Car Damage Assessment Form

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VALVE DAMAGE

Utilize Form TCAD-1.2 and supplement description as indicative of damage below:

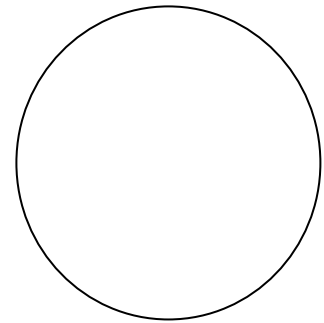
TOP

1. Number of damaged **N/A** _____ Document station stencil if other than qual. Decal _____

a	Type of damaged valve?		Manufacturer?		Cause?	
-	Gasket Type?		O-ring type?		Serial Number	
b	Type of damaged valve?		Manufacturer?		Cause?	
-	Gasket Type?		O-ring type?		Serial Number	
c	Type of damaged valve?		Manufacturer?		Cause?	
-	Gasket Type?		O-ring type?		Serial Number	
d	Type of damaged valve?		Manufacturer?		Cause?	
-	Gasket Type?		O-ring type?		Serial Number	
e	Type of damaged valve?		Manufacturer?		Cause?	
	Gasket Type?		O-ring type?		Serial Number	

Sketch in dome or dual housing arrangement information in relation to valve location in provided figure. Valve Lettering should coincide with lettering above, along with any attached pictures.

A-End



BOTTOM

2. Description of damage? Valve, Coils etc... **N/A** _____ Document station stencil if other than qual. Decal _____

a	Type of damaged valve?		Manufacturer?		Cause?	
-	Gasket Type?		O-ring type?		Serial Number	
b	Type of damaged valve?		Manufacturer?		Cause?	
-	Gasket Type?		O-ring type?		Serial Number	
c	Type of damaged valve?		Manufacturer?		Cause?	
-	Gasket Type?		O-ring type?		Serial Number	
d	Type of damaged valve?		Manufacturer?		Cause?	
-	Gasket Type?		O-ring type?		Serial Number	
e	Type of damaged valve?		Manufacturer?		Cause?	
	Gasket Type?		O-ring type?		Serial Number	

Other information or description deemed pertinent by inspector:



Federal Railroad Administration
Tank Car Damage Assessment Form

Inspector's Name: Randall Boyington _____ **Inspector's Signature** _____

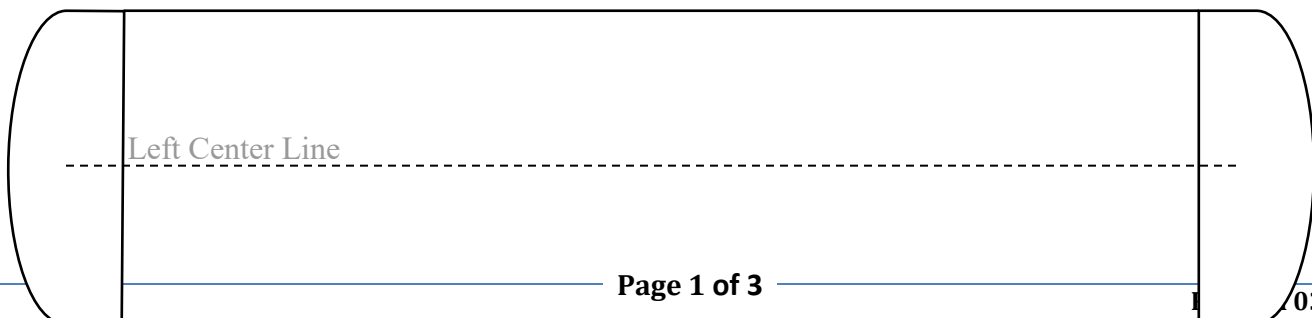
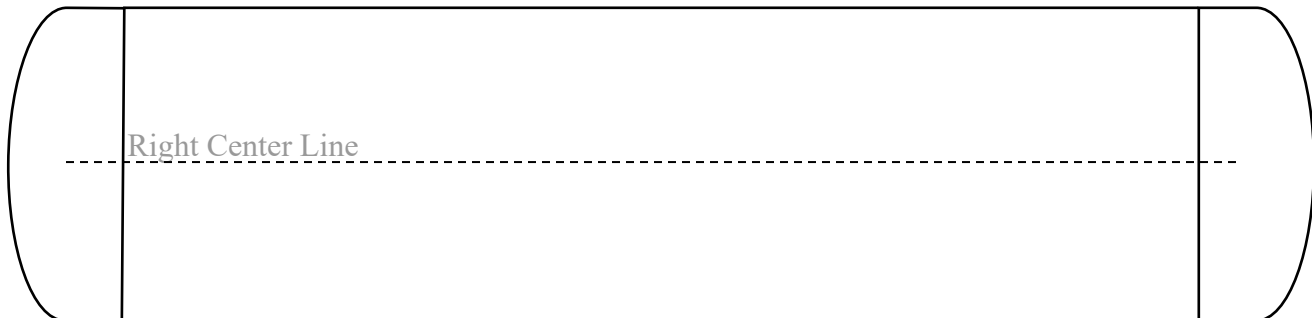
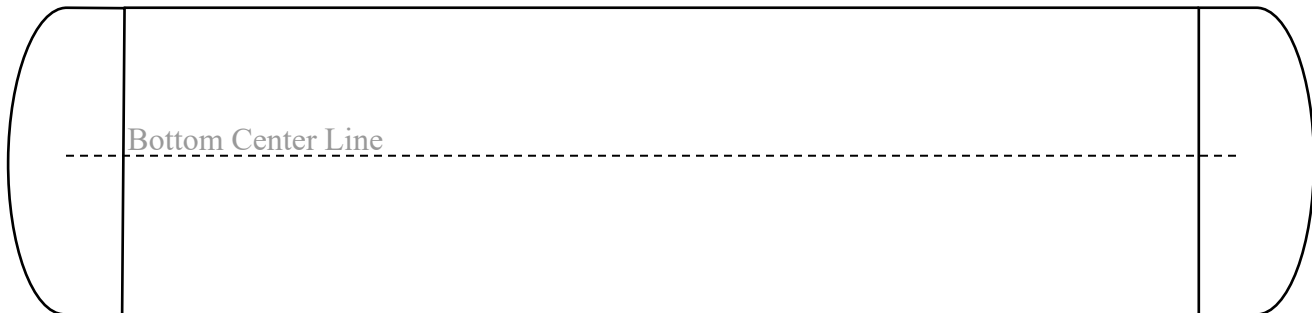
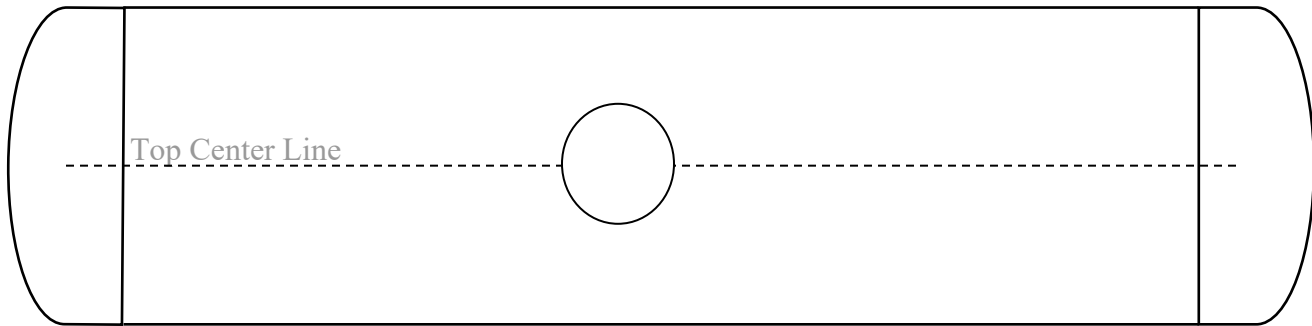


Federal Railroad Administration
Tank Car Damage Assessment Form

Reporting Marks	PPRX 172923		Car Location City/State	Custer, WA	
Date inspected	12/28/2020	Railroad	BNSF	DOT Specification	DOT 117 R 100 W
Last Contained	PETROLEUM CRUDE OIL			Was product released?	NO
(Jacket thickness)	Jacket <u>1/8</u> _____	Non-jacketed		Does car contain product	Yes
Car builder	TRIN	Stub Sill Design	TRN 024	Built Date	09/1/2013
Capacity (GAL)	31680		LD Limit (LB)	197200	

Indicate number on figures below within damaged areas. (sketched in by inspector)

A-END

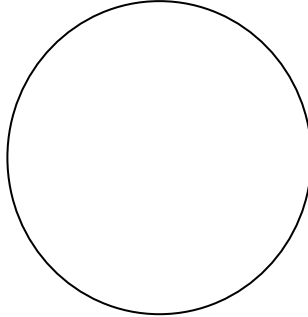
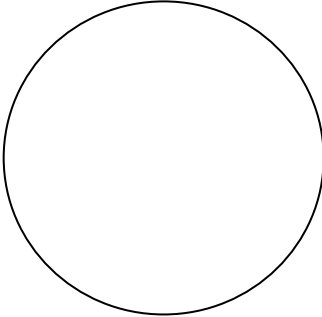




Federal Railroad Administration
Tank Car Damage Assessment Form

B-Head

A-Head



	Station Stencil	Qual.	Due
Tank Qual.	UTCO	2019	2029
Thickness	UTCO	2019	2029
Serv. Equip.	UTCO	2019	2029
PRD	75	UTCO	2019
Lining	UTCI	2019	2024
Rule 88	UTCO	2019	2029
Stub Sill	UTCO	2019	2029

Comments:

Car derailed and stayed upright. No tank damage, safety appliance damage to "A" end.

TANK OR JACKET DAMAGE

1. Document estimated location of damage on Figures located on page 1 of this report and document dimensions coinciding with number below. (photos should be numbered and attached to coincide with numbers below)

1.	Affected?	Location?	Dimensions:	Length	Width	Depth
-	Defect type?	Shape?	Possible Cause?			
2.	Affected?	Location?	Dimensions:	Length	Width	Depth
-	Defect type?	Shape?	Possible Cause?			
3.	Affected?	Location?	Dimensions:	Length	Width	Depth
-	Defect type?	Shape?	Possible Cause?			
4.	Affected?	Location?	Dimensions:	Length	Width	Depth
-	Defect type?	Shape?	Possible Cause?			
5.	Affected?	Location?	Dimensions:	Length	Width	Depth
-	Defect type?	Shape?	Possible Cause?			
6.	Affected?	Location?	Dimensions:	Length	Width	Depth
-	Defect type?	Shape?	Possible Cause?			
7.	Affected?	Location?	Dimensions:	Length	Width	Depth
-	Defect type?	Shape?	Possible Cause?			
8.	Affected?	Location?	Dimensions:	Length	Width	Depth
-	Defect type?	Shape?	Possible Cause?			

2. Was this tank car exposed to fire? (Indicate one) Yes No
3. How long was the car exposed to fire? _____ N/A
4. What percentage/locations of the tank were exposed to fire? _____% Indicate location in figures on page 1.
5. What material burned to create the fire that the car was exposed to? _____
6. To what degree did the car roll? Initially _____ degrees and stopped at _____
7. Distance traveled from track center? B-end? Just off rail A-end? 4 FT to east Center? _____
8. Brief description of details of surfaces tank was exposed to in transit to present location? E.g. mud, track, rocks, etc...



Federal Railroad Administration
Tank Car Damage Assessment Form

Derailed truck "A" and "B" ends

VALVE DAMAGE

Utilize Form TCAD-1.2 and supplement description as indicative of damage below:

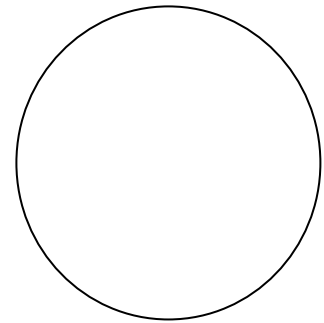
TOP

1. Number of damaged **N/A** Document station stencil if other than qual. Decal _____

a	Type of damaged valve?		Manufacturer?		Cause?	
-	Gasket Type?		O-ring type?		Serial Number	
b	Type of damaged valve?		Manufacturer?		Cause?	
-	Gasket Type?		O-ring type?		Serial Number	
c	Type of damaged valve?		Manufacturer?		Cause?	
-	Gasket Type?		O-ring type?		Serial Number	
d	Type of damaged valve?		Manufacturer?		Cause?	
-	Gasket Type?		O-ring type?		Serial Number	
e	Type of damaged valve?		Manufacturer?		Cause?	
	Gasket Type?		O-ring type?		Serial Number	

Sketch in dome or dual housing arrangement information in relation to valve location in provided figure. Valve Lettering should coincide with lettering above, along with any attached pictures.

A-End



BOTTOM

2. Description of damage? **N/A** Document station stencil if other than qual. Decal _____

a	Type of damaged valve?		Manufacturer?		Cause?	
-	Gasket Type?		O-ring type?		Serial Number	
b	Type of damaged valve?		Manufacturer?		Cause?	
-	Gasket Type?		O-ring type?		Serial Number	
c	Type of damaged valve?		Manufacturer?		Cause?	
-	Gasket Type?		O-ring type?		Serial Number	
d	Type of damaged valve?		Manufacturer?		Cause?	
-	Gasket Type?		O-ring type?		Serial Number	
e	Type of damaged valve?		Manufacturer?		Cause?	
	Gasket Type?		O-ring type?		Serial Number	

Other information or description deemed pertinent by inspector:



Federal Railroad Administration
Tank Car Damage Assessment Form

“A” and “B” end derailed car stayed upright

Inspector's Name: **Randall Boyington**__ Inspector's Signature _____

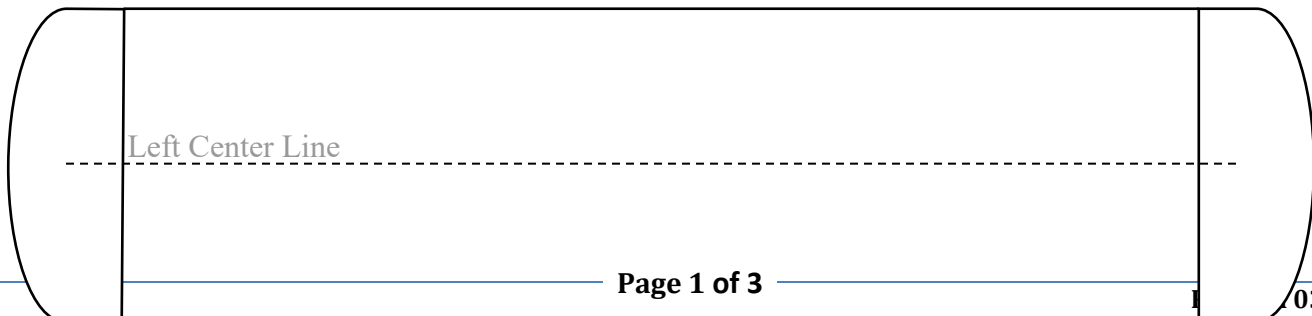
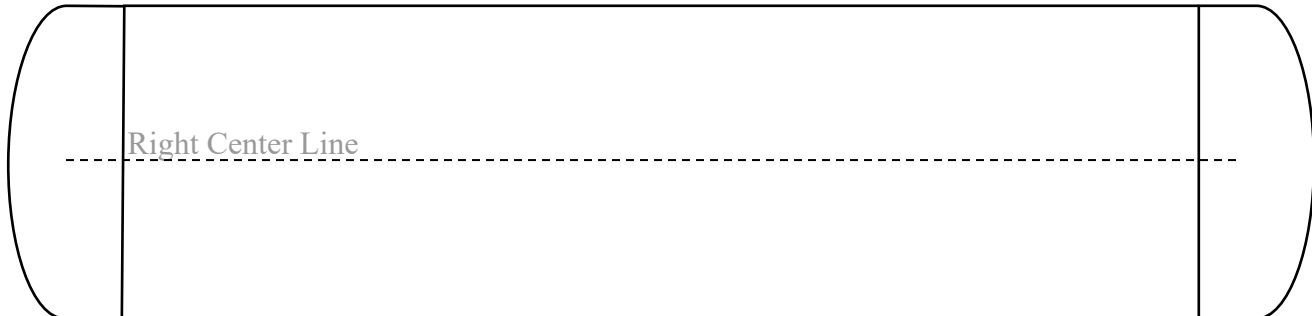
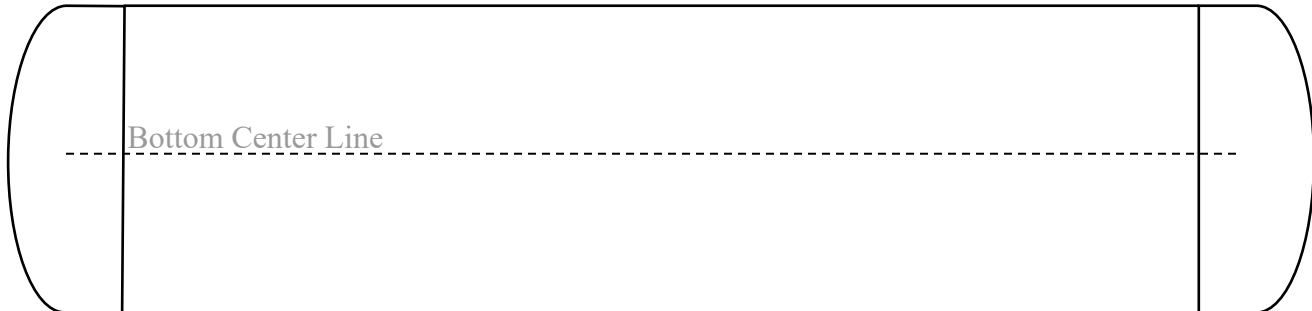
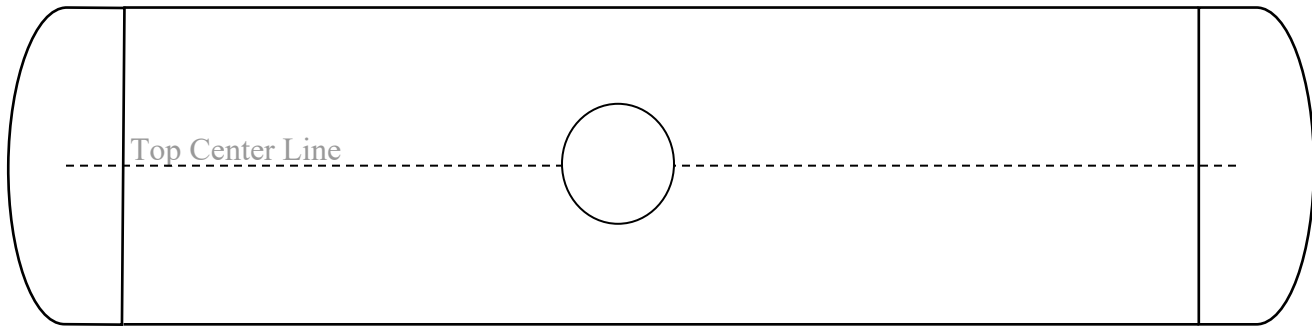


Federal Railroad Administration
Tank Car Damage Assessment Form

Reporting Marks	PPRX 171543			Car Location City/State	Custer, WA
Date inspected	12/28/2020	Railroad	BNSF	DOT Specification	DOT 117 R 100 W
Last Contained	PETROLEUM CRUDE OIL			Was product released?	NO
(Jacket thickness)	Jacket <u>1/8</u> _____	Non-jacketed		Does car contain product	Yes
Car builder	TRIN	Stub Sill Design	TRN 024	Built Date	10/1/2013
Capacity (GAL)	31730			LD Limit (LB)	198200

Indicate number on figures below within damaged areas. (sketched in by inspector)

A-END

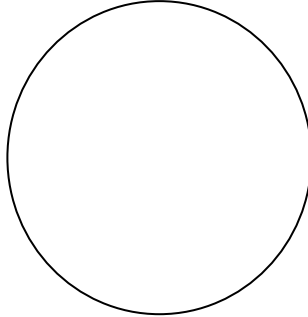
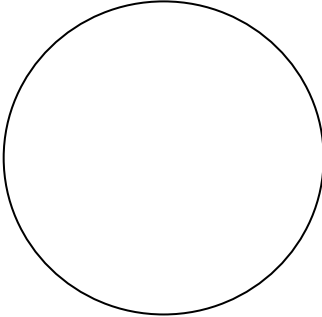




Federal Railroad Administration
Tank Car Damage Assessment Form

B-Head

A-Head



		Station Stencil	Qual.	Due
Tank Qual.		UTCO	2019	2029
Thickness		UTCO	2019	2029
Serv. Equip.		UTCO	2019	2029
PRD	75	UTCO	2019	2029
Lining		UTCI	2019	2024
Rule 88		UTCO	2019	2029
Stub Sill		UTCO	2019	2029

Comments:

Car was upright with no damage. "A" end trucks derailed

TANK OR JACKET DAMAGE

1. Document estimated location of damage on Figures located on page 1 of this report and document dimensions coinciding with number below. (photos should be numbered and attached to coincide with numbers below)

1.	Affected?		Location?		Dimensions:	Length		Width		Depth	
-	Defect type?		Shape?		Possible Cause?						
2.	Affected?		Location?		Dimensions:	Length		Width		Depth	
-	Defect type?		Shape?		Possible Cause?						
3.	Affected?		Location?		Dimensions:	Length		Width		Depth	
-	Defect type?		Shape?		Possible Cause?						
4.	Affected?		Location?		Dimensions:	Length		Width		Depth	
-	Defect type?		Shape?		Possible Cause?						
5.	Affected?		Location?		Dimensions:	Length		Width		Depth	
-	Defect type?		Shape?		Possible Cause?						
6.	Affected?		Location?		Dimensions:	Length		Width		Depth	
-	Defect type?		Shape?		Possible Cause?						
7.	Affected?		Location?		Dimensions:	Length		Width		Depth	
-	Defect type?		Shape?		Possible Cause?						
8.	Affected?		Location?		Dimensions:	Length		Width		Depth	
-	Defect type?		Shape?		Possible Cause?						

2. Was this tank car exposed to fire? (Indicate one) Yes No
3. How long was the car exposed to fire? _____ N/A
4. What percentage/locations of the tank were exposed to fire? _____ % Indicate location in figures on page 1.
5. What material burned to create the fire that the car was exposed to? _____
6. To what degree did the car roll? Initially _____ degrees and stopped at _____
7. Distance traveled from track center? B-end? _____ A-end? _____ Center? _____
8. Brief description of details of surfaces tank was exposed to in transit to present location? E.g. mud, track, rocks, etc...



Federal Railroad Administration
Tank Car Damage Assessment Form

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VALVE DAMAGE

Utilize Form TCAD-1.2 and supplement description as indicative of damage below:

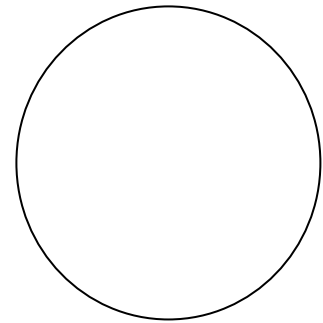
TOP

1. Number of damaged valves? _____ N/A _____ Document station stencil if other than qual. Decal _____

a	Type of damaged valve?		Manufacturer?		Cause?	
-	Gasket Type?		O-ring type?		Serial Number	
b	Type of damaged valve?		Manufacturer?		Cause?	
-	Gasket Type?		O-ring type?		Serial Number	
c	Type of damaged valve?		Manufacturer?		Cause?	
-	Gasket Type?		O-ring type?		Serial Number	
d	Type of damaged valve?		Manufacturer?		Cause?	
-	Gasket Type?		O-ring type?		Serial Number	
e	Type of damaged valve?		Manufacturer?		Cause?	
	Gasket Type?		O-ring type?		Serial Number	

Sketch in dome or dual housing arrangement information in relation to valve location in provided figure. Valve Lettering should coincide with lettering above, along with any attached pictures.

A-End



BOTTOM

2. Description of damage? Valve, Coils etc... ___N/A___ Document station stencil if other than qual. Decal _____

a	Type of damaged valve?		Manufacturer?		Cause?	
-	Gasket Type?		O-ring type?		Serial Number	
b	Type of damaged valve?		Manufacturer?		Cause?	
-	Gasket Type?		O-ring type?		Serial Number	
c	Type of damaged valve?		Manufacturer?		Cause?	
-	Gasket Type?		O-ring type?		Serial Number	
d	Type of damaged valve?		Manufacturer?		Cause?	
-	Gasket Type?		O-ring type?		Serial Number	
e	Type of damaged valve?		Manufacturer?		Cause?	
	Gasket Type?		O-ring type?		Serial Number	

Other information or description deemed pertinent by inspector:



Federal Railroad Administration
Tank Car Damage Assessment Form

Inspector's Name: Randall Boyington _____ **Inspector's Signature** _____