



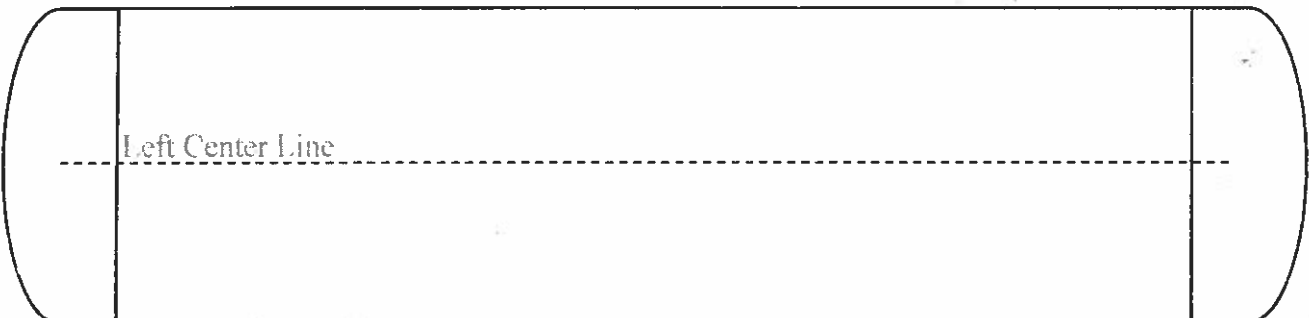
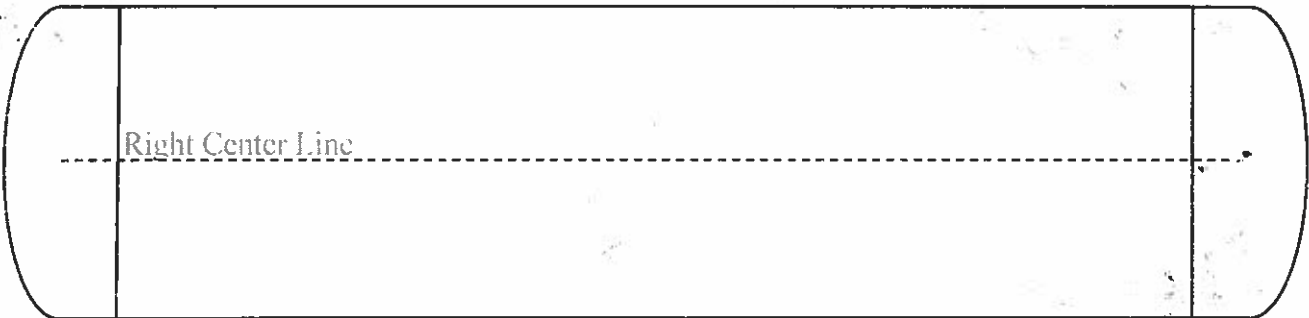
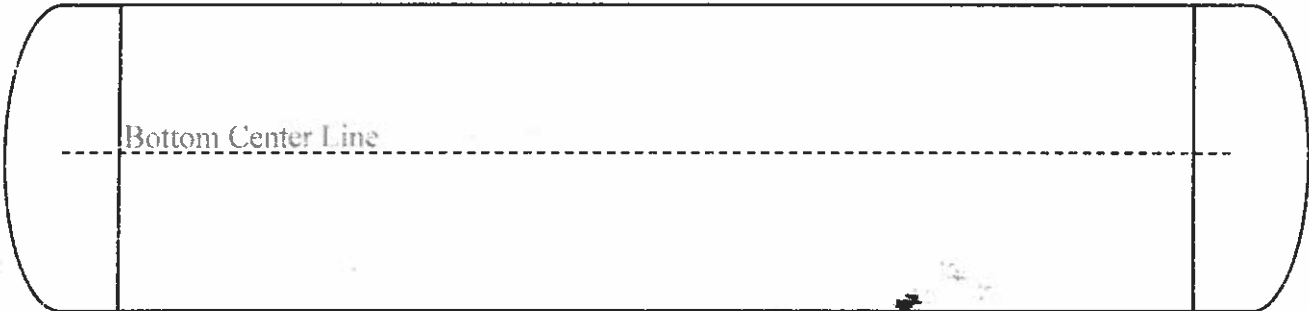
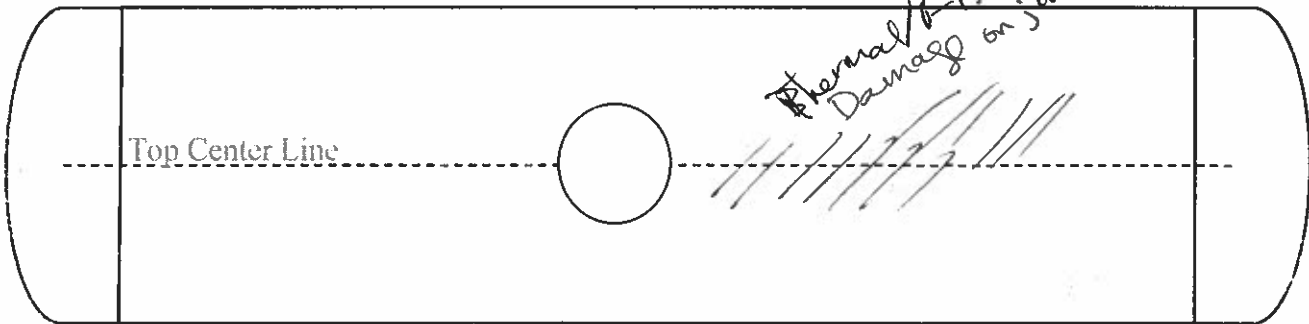
Federal Railroad Administration
Tank Car Damage Assessment Form

(# 45)

Reporting Marks	UTLX 953969		Car Location City/State	Manuelito, NM	
Date inspected	4/29/24	Railroad	BNSF	DOT Specification	112J 340W
Last Contained	LPG (Non-odorized)		Was product released?	No	
(Jacket thickness)	Jacket <input checked="" type="checkbox"/>	Non-jacketed	Does car contain product	No	
Car builder	UTC	Stub Sill Design	UTL-2BG	Built Date	2006
Capacity (GAL)	30,147		LD Limit (LB)		

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

A-END

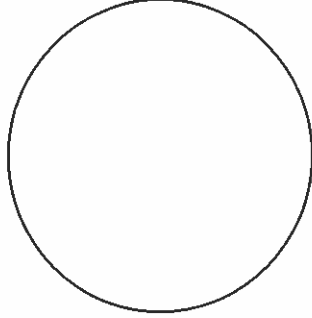
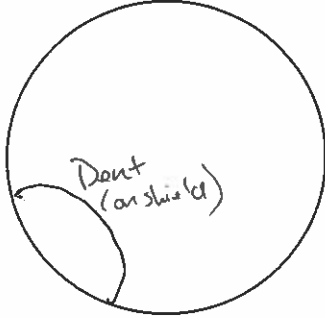




Federal Railroad Administration
Tank Car Damage Assessment Form

B-Head

A-Head



	Station Stencil	Qual.	Due
Tank Qual.			
Thickness			
Serv. Equip.			
PRD			
Lining			
Rule 88			
Stub Sill			

Comments:

- Head shield Removed only showing a dent on the shell, no tear
 - Product was transferred to another car ; Car #47 was in front of it in the original orientation
 - No breach on this car

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 ^{? Minor?} 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...



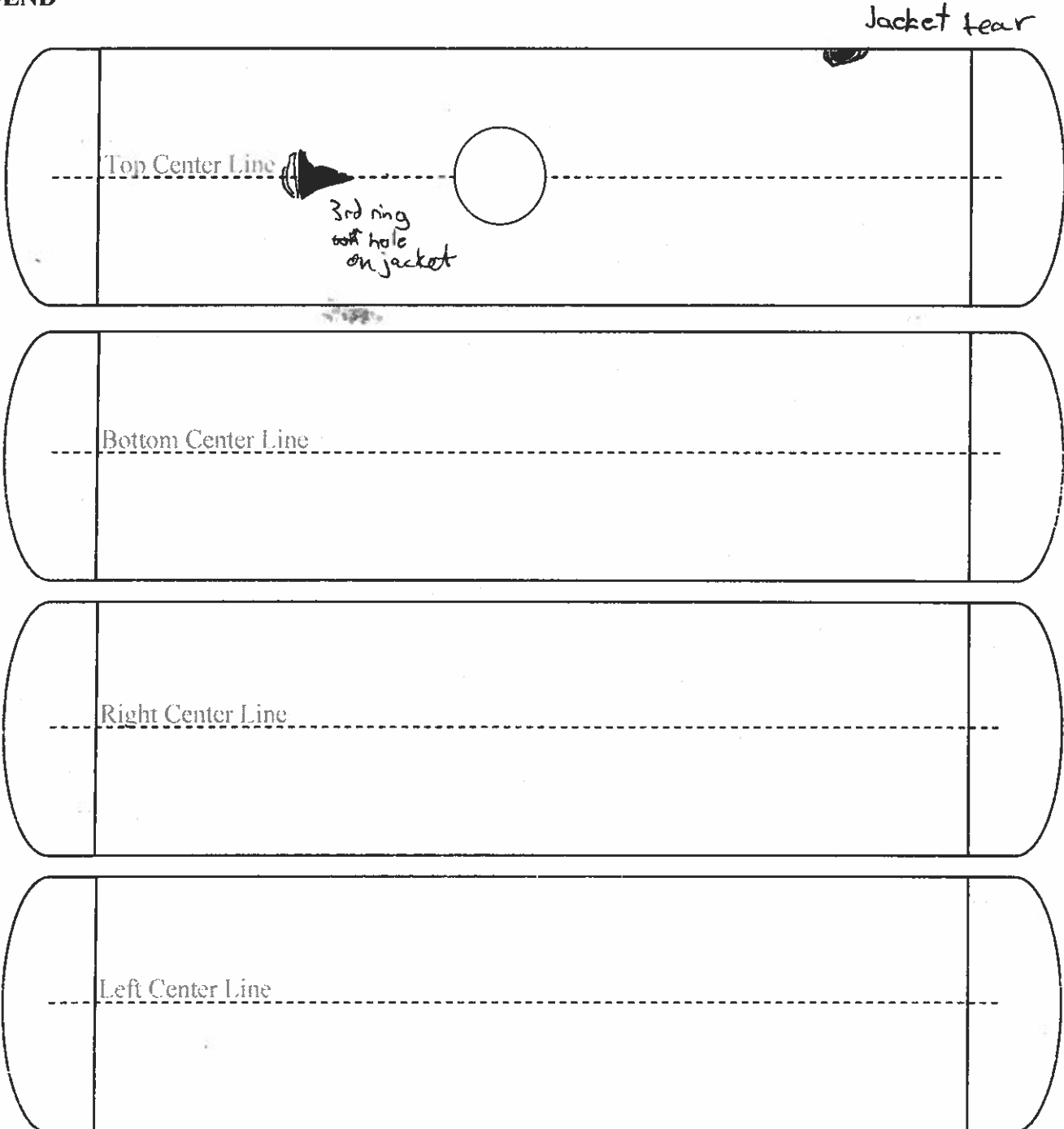
Federal Railroad Administration
Tank Car Damage Assessment Form

(#46)

Reporting Marks	NatX 400688		Car Location City/State	Hawelito, NM	
Date inspected		Railroad	BNSF	DOT Specification	112 J 34
Last Contained	LPG (Non-odorized Propane)		Was product released?	Yes	
(Jacket thickness)	Jacket <input checked="" type="checkbox"/>	Non-jacketed	Does car contain product	No	
Car builder	Trinity	Stub Sill Design	TRN 023	Built Date	2008
Capacity (GAL)	29,864		LD Limit (LB)		

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

A-END

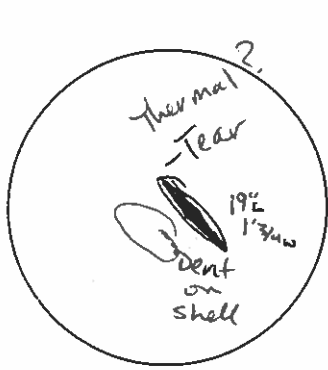




B-Head

Federal Railroad Administration
Tank Car Damage Assessment Form
A-Head

NHIA 100000



	Station Stencil	Qual.	Due
Tank Qual.			
Thickness			
Serv. Equip.			
PRD			
Lining			
Rule 88			
Stub Sill			

Comments:

- No tear on the B-end headshield; No tear found on A-end head shield removed, just dent
- coupon of the tear taken (3ft x 3ft); Bent bolster (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?			

- 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...

Empty rectangular box for additional details.



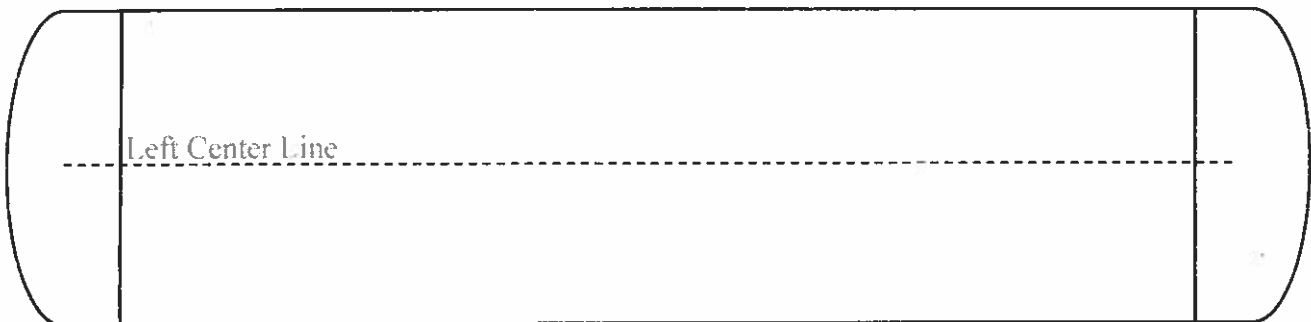
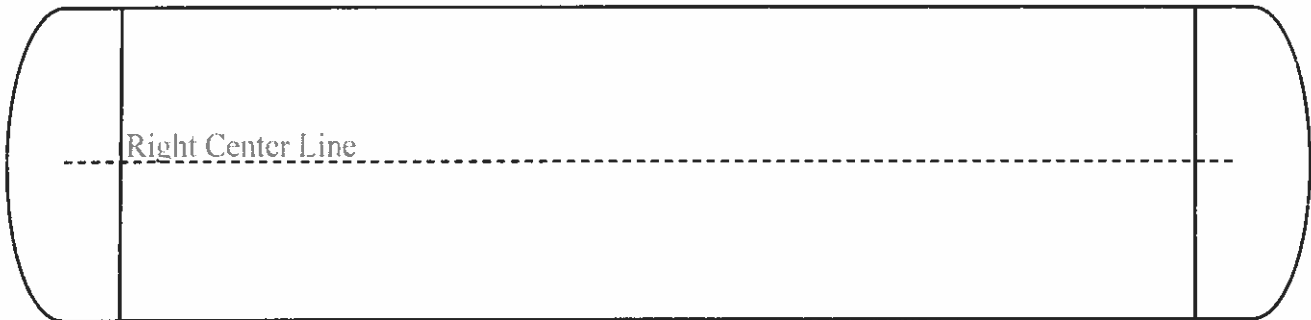
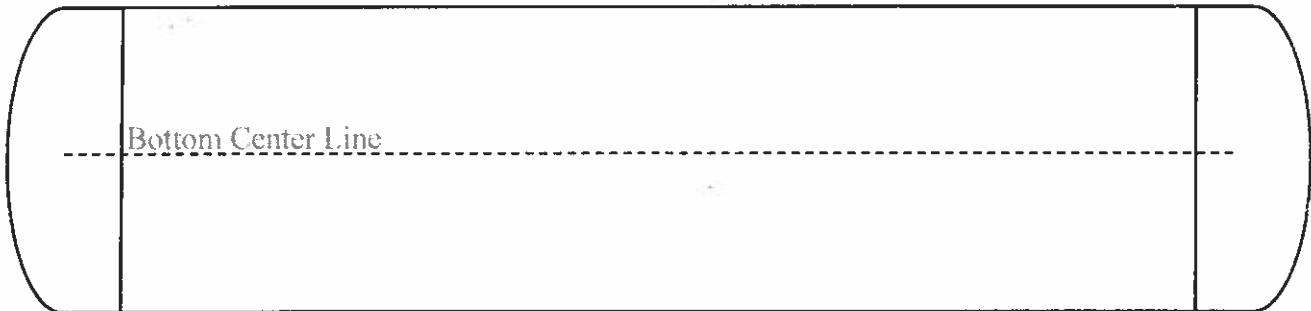
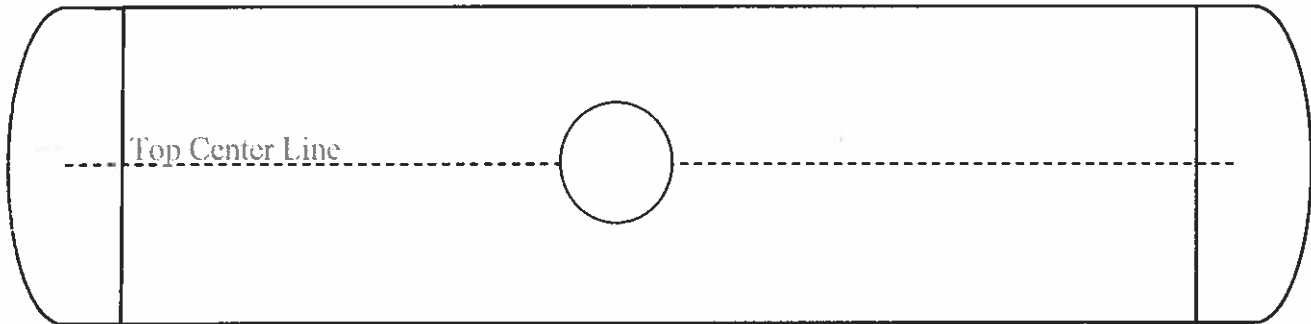
Federal Railroad Administration
Tank Car Damage Assessment Form

(#47)

Reporting Marks	UTLX 959911		Car Location City/State	Manuelito, NM	
Date inspected	4/29/24	Railroad	BNSF	DOT Specification	112J340W
Last Contained	LPG (Non-odorized Propane)		Was product released?	No	
(Jacket thickness)	Jacket <input checked="" type="checkbox"/>	Non-jacketed	Does car contain product	No	
Car builder	UTC	Stub Sill Design	UTLZB6	Built Date	2015
Capacity (GAL)	30,034		LD Limit (LB)		

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

A-END

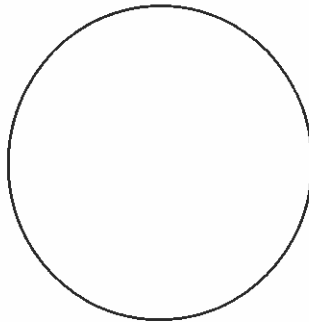
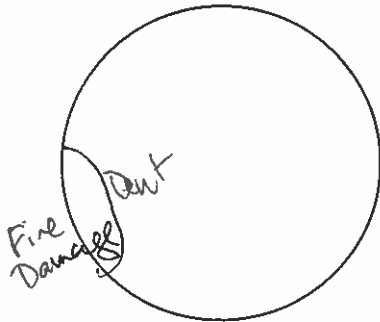




B-Head

Federal Railroad Administration
Tank Car Damage Assessment Form

A-Head



	Station Stencil	Qual.	Due
Tank Qual.			
Thickness			
Serv. Equip.			
PRD			
Lining			
Rule 88			
Stub Sill			

Comments:

- Drone footage shows the ^{flair}car next to car # 50, which was on-fire
 - No Breach found after removing B-end headshield, large dent only
 - car was turned upside to flare off product from the housing

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...

Empty rectangular box for additional details.



Federal Railroad Administration
Tank Car Damage Assessment Form

(# 48)

Reporting Marks	UTLX 954193		Car Location City/State	Manuelito, NM	
Date inspected	4/29/24	Railroad	BNSF	DOT Specification	112J340
Last Contained	LPG (Non-odorized Propane)		Was product released?	yes	
(Jacket thickness)	Jacket <input checked="" type="checkbox"/>	Non-jacketed	Does car contain product		
Car builder	UTC	Stub Sill Design	UTL-ZB6	Built Date	2006
Capacity (GAL)	30,113		LD Limit (LB)		

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

A-END

Thermal ? Tear

8" Long

Fill Damage

Bulge →

Top Center Line

Bottom Center Line

Shell Tear ? No Tear - just jacket torn

Shell Tear ? - No tear - just jacket torn

Right Center Line

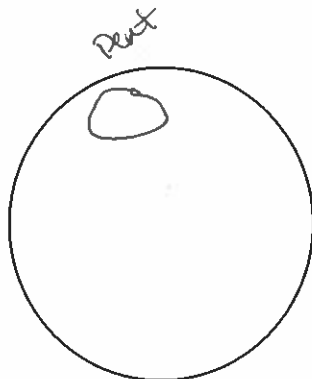
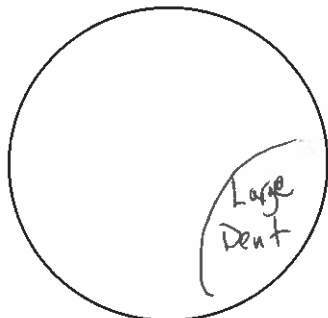
Left Center Line



B-Head

Federal Railroad Administration
Tank Car Damage Assessment Form

A-Head



	Station Stencil	Qual.	Due
Tank Qual.			
Thickness			
Serv. Equip.			
PRD			
Lining			
Rule 88			
Stub Sill			

Comments:

- Jacket removed, car was bulging/swollen, observed possible thermal tear
 - car was laying between #46 and #50, that was on fire
 - coupon taken of the tear; B-end head shield removed, no tear found on the 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?	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

(#49)

Reporting Marks	UTLX 955642		Car Location City/State	Manuelito, NM	
Date inspected	4/29/24	Railroad	BNSF	DOT Specification	1125 340W
Last Contained	LPG (non-odorized propane)		Was product released?	Yes	
(Jacket thickness)	Jacket <input checked="" type="checkbox"/>	Non-jacketed	Does car contain product	No	
Car builder	UTC	Stub Sill Design	UTL-ZB6	Built Date	2012
Capacity (GAL)	30,171		LD Limit (LB)		

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

A-END

Top Center Line

Bottom Center Line

Right Center Line

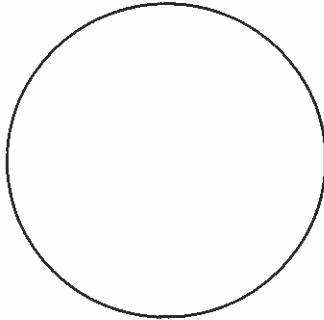
Left Center Line



B-Head

Federal Railroad Administration
Tank Car Damage Assessment Form

A-Head



	Station Stencil	Qual.	Due
Tank Qual.			
Thickness			
Serv. Equip.			
PRD			
Lining			
Rule 88			
Stub Sill			

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? _____ 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...



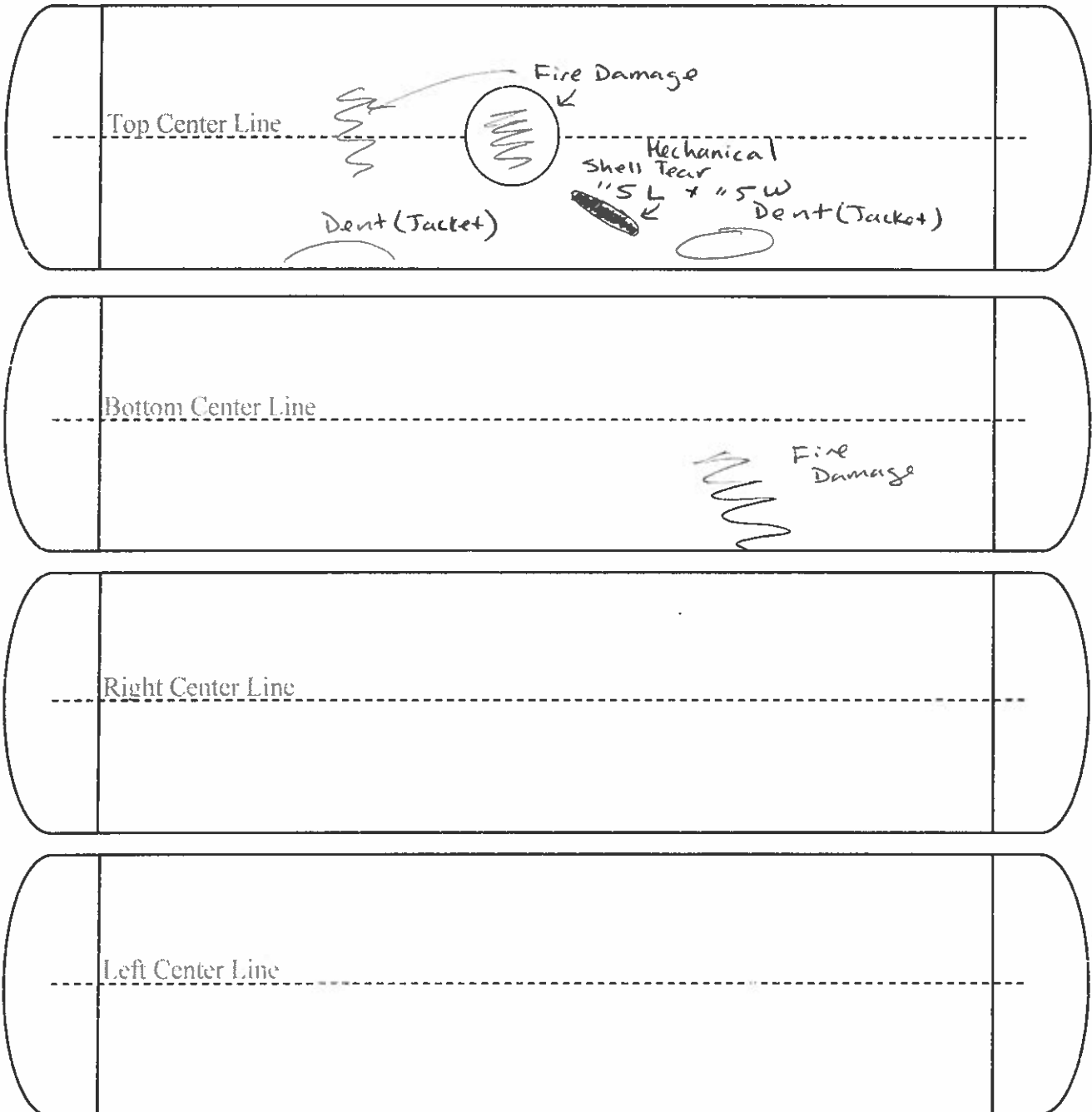
Federal Railroad Administration
Tank Car Damage Assessment Form

(#50)

Reporting Marks	UTLX952565		Car Location City/State	Manuelito, NM	
Date inspected	4/29/24	Railroad	BNSF	DOT Specification	112J340W
Last Contained	LPG		Was product released?	Yes	
(Jacket thickness)	Jacket <input checked="" type="checkbox"/>	Non-jacketed	Does car contain product	No	
Car builder	UTC	Stub Sill Design	UTL-ZR6	Built Date	2006
Capacity (GAL)	29,979		LD Limit (LB)		

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

A-END



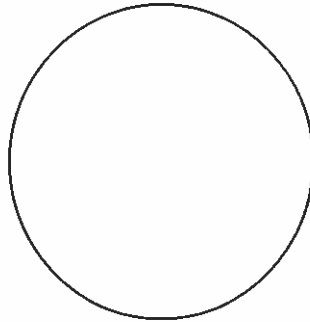


B-Head

Federal Railroad Administration
Tank Car Damage Assessment Form

A-Head

UICX 75 23 23



	Station Stencil	Qual.	Due
Tank Qual.			
Thickness			
Serv. Equip.			
PRD			
Lining			
Rule 88			
Stub Sill			

Comments:

- Car was in the middle of the pileup
- belly bar cracked/busted

TANK OR JACKET DAMAGE

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-	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...

Empty rectangular box for additional details.