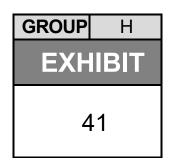


National Transportation Safety Board Investigative Hearing

Norfolk Southern Railway general merchandise freight train 32N derailment with subsequent hazardous material release and fires, in East Palestine, Ohio, on February 3, 2023



Agency / Organization

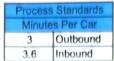
Transportation Communication Union (TCU/IAM)

Title

Submisison to Hearing Norfolk Southern Time Study

Docket ID: DCA23HR001



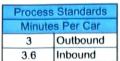




OUTBOU	ND YARD			Date:	7/2/2	014			
Train Symbol	No. Cars	Track	Track Shift # Carmen	Inspectors	Inspection Plan	Inspection Minutes	Variance	# Yard Repairs	
176	17	CL09	XXX	XXXXXX	MW	#VALUE!	55	#VALUE!	0
289	29	17	3	2	TK ER	44	50	7	
289	28	10	3	2	TK ER	42	55	13	
171	22	7	3	2	TK ER	33	45	12	
178	56	11	3	1	MM	168	170	2	
B 70	11	EB06	3	1	DS	33	25	8	
CN	21	EB13	3	1	DS	63	70	7	
T28	35	EB12	3	1	DS	105	105	0	
176	24	EB09	1	2	SD BM	36	60	24	0
176	20	EB13	1	2	SD BM	30	50	20	0
B73	4	EB06	1	1	ВМ	12	15	3	0
181	38	MF09	2	1	KRM RH	114	55	59	0
181	28	MF08	2	2	KRM RH	42	45	3	0
14T	32	MF13	2	2	EM SM	48	103	55	0
14T	13	MF11	2	1	EM SM	39	46	7	0
CN	20	CL06	2	2	KM	30	60	30	0
	in water			5					
							4		
						The second	4		

Train Symbol	No. Cars	Track	Inspectors	# Carmen	Shift	Inspection Plan	Inspection Minutes	Variance	# Yard Repairs
B19	20	6	TK ER	2	3	36	45	9	
CN	20	9	SD BM	2	1 1	36	42	6	0
CSXT	10		SWITCHED			#DIV/0!			
171	107		SWITCHED		V.	#DIV/0!			
B53	20		SWITCHED			#DIV/0!			
B73	7		SWITCHED			#DIV/0!			
B40	3		SWITCHED			#DIV/0!			
CN	22		SWITCHED			#DIV/0!			
B73	1		SWITCHED			#DIV/0!			
332	27		SWITCHED			#DIV/01			





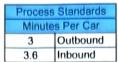


OUTBOU	ND YARD			Date:	7/2/2	017			
Train Symbol	No. Cars	Track	Shift	# Carmen	Inspectors	Inspection Plan	Inspection Minutes	Variance	# Yard Repairs
289	33	MF14	3	1	DS	99	104	5	0
331	69	MF11	3	2	PB DL	104	105	2	0
171	28	MF07	3	1	DS	84	86	2	0
CN	21	EB12	3	1	DL	63	60	3	0
CP	25	EB06	1	2	BE JP	38	75	38	0
176	40	EB14	1	2	BE JP	60	95	35	0
B73	19	EB15	1	2	BE JP	29	40	12	0
CN	28	CL05	2	1	LDE	84	90	6	0
181	36	MF09	2	2	RM SM	54	60	6	0
14T	32	MF12	2	2	RM SM	48	55	7	0
14T	16	MF13	2	1	RM SM	48	55	7	0
				8					

INIDOL	INID	INICE	FOTI	ONL

Train Symbol	No. Cars	Track	Inspectors	# Carmen	Shift	Inspection Plan	Inspection Minutes	Variance	# Yard Repairs
B19	40	MF03	SWITCHED			#DIV/0!			
CN102	18	MF05	MC	1	1	65	70	5	0
CN	26	MF08	MC	1	1	94	110	16	0
CP	25	MF02	MC	1	1	90	80	10	0
СР	35	MF03	MC BE JP	2	1	63	45	18	0





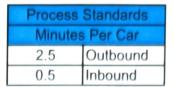


OUTBOU	ND YARD			Date:	7/2/2	018			
Train Symbol	No. Cars	Track	Shift	# Carmen	Inspectors	Inspection Plan	Inspection Minutes	Variance	Repairs
289	12	MF17	3	1	DS	36	45	9	0
289	39	MF10	3	2	DS JP	59	65	6	0
331	56	MF11	3	2	PB ER	84	90	6	6
171	16	MF07	3	1	JP	48	55	7	0
CSX	5	EB10	3	1	ER	15	20	5	0
CN	15	EB12	3	1	PB ER	45	50	5	1
B70	20	EB05	3	1	ER	60	65	5	0
176	23	CL05	1	1	LB	69	70	1	0
14T	29	MF13	2	1	SMM	87	115	28	2
B70	22	EB:05	2	1	LDE	66			0
B73	7	EB08	2	1	LDE	21			0
	-								
162.5	100 to 10		+ 1						

INBOUND INSPECTION

No. Cars	Track	Inspectors	# Carmen	Shift	Inspection Plan	Inspection Minutes	Variance	# Yard Repairs
6	MF05	MC	1	1	22	25	3	0
8	MF31	BB	1	1	29	40	11	0
13	MF04	SWITCH			#DIV/0!			
2	MF04	MC	1	1	7	15	8	1
16	MF06	МС	1	1	58	50	8	0
	a de							
	6 8 13 2	6 MF05 8 MF31 13 MF04 2 MF04	6 MF05 MC 8 MF31 BB 13 MF04 SWITCH 2 MF04 MC	6 MF05 MC 1 8 MF31 BB 1 13 MF04 SWITCH 2 MF04 MC 1	6 MF05 MC 1 1 8 MF31 BB 1 1 13 MF04 SWITCH 2 MF04 MC 1 1	6 MF05 MC 1 1 22 8 MF31 BB 1 1 29 13 MF04 SWITCH #DIV/0! 2 MF04 MC 1 1 7	Mo. Cars Track Inspectors # Carmen Shift Inspection Plan Minutes 6 MF05 MC 1 1 22 25 8 MF31 BB 1 1 29 40 13 MF04 SWITCH #DIV/0! #DIV/0! 2 MF04 MC 1 1 7 15	No. Cars Track Inspectors # Carmen Snitt Inspection Plan Minutes Variance 6 MF05 MC 1 1 22 25 3 8 MF31 BB 1 1 29 40 11 13 MF04 SWITCH #DIV/0! #DIV/0! 2 2 MF04 MC 1 1 7 15 8



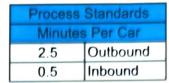




OUTBOU	ND YARD	Section 5	Me. VAID	Date:	7/2/2	019
Train Symbol	No. Cars	Track	Shift	# Carmen	Inspectors	Inspection Plan
289	24	MF08	3	1	EM	60
289	30	MF12	3	2	ER DS	38
331	42	MF10	1	2	SD BM	53
331	51	MF11	3	2	ER DS	64
331	32	MF14	1	2	SD BM	40
CP	39	EB09	3	1	JP	98
CN	25	EB07	3	1	JP	63
CSXT	18(1)	EB10				
L64	41(2)	EB11	1	1	LB	#VALUE!
331R	28	MF15	1	2	SD BM	35
176	23	EB15	1	1	LB	58
176	16	EB14	-1	1	LB	40
176	24	EB13	1	1	LB	60
121	27	MF08	1	2	SD BM	34
121	23	MF17	1	2	SD BM	29
B70	9	EB09	1	1	LB	23
B73	5	EB06	1	1	DJS	13
C95	4	EB08	1	1	LB	10
B19	13	MF07	1	1	LB	33
181	35	MF09	2	2	JM DL	44
					(kd) shearpy i	
phase of						
				hamilton to the	The second second	

INBOUND	INSPECT	ION				
Train Symbol	No. Cars	Track	Shift	# Carmen	Inspectors	Inspection Plan
B19	25	MF04	1	2	LE LB	6
B19	41	MF03	1	2	LE LB	10
CN102	4	MF05	1	1	LE LB	2
B73	4	MF05	1	1	LE LB	2
332	54	MF07	1	2	LE LB	14







OUTBOU	ND YARD			Date:	7/2/2020		
Train Symbol	No. Cars	Track	Shift	# Carmen	Inspectors	Inspection Plan	
CN	23	CL04	3	1	EM	58	
CN	26	EB06	3	1	EPR	65	
181	14	MF04	3	1	EPR	35	
331	29	MF12	3	2	LAW DJS	36	
331	40	MF11	3	2	LAW DJS	50	
189	43	MF14	3	2	LAW DJS	54	
181	39	MF07	3	1	EM	98	
331	18	MF16	3	1	EM	45	
331	59	MF03	3	2	EM EPR	74	
181	43	MF09	3	2	LAW DJS	54	
189	53	MF10	1	2	BE SD	66	
CPT28	13	CL11	1	1	EJM	33	
CPT28	24	EB11	1	1	EJM	60	
CN	37	EB07	1	元·范1 李二	TSK	93	
CN	12	CL10	1	1	EJM	30	
CN	29	CL05	2	1 - 1	LE	73	
176	40	EB14	2	2	BB LE	50	
121	18	MF07	2	1	JM	45	
181	27	MF06	2	2	TSK JM	34	
181	35	MF08	2	2	TSK JM	44	
181	35	MF09	2	2	MF JM	44	
176	12	EB12	2	1	BB	30	
					4-1-2-1		

INBOUND	INSPECT	ION				
Train Symbol	No. Cars	Track	Shift	# Carmen	Inspectors	Inspection Plan
334	101	CL06L04	3	2	LAW DJS	25
334	40	CL03	3	1 1	EPR	20
B19	36	MF05	1	2	EJM TSK	9
B19	25	MF06	1	2	EJM TSK	6
CN102	39	MF09	1	2	BE SD	10