

Main Activity: Maintain ROW using Motorcars		Page 1 of 1 JSA No. 1		Date: 02/12/10	New: 07/20/06
Location: Llano to Scobey Spur					Revised:
Contractor: n/a		Phone:	Safety Analysis By: Leland Stewart		Date: 02/12/10
Duration of Work: Duration of Job		210/863-5397			
Emergency Phone: 911		Time of Work:	Foreman Reviewed By:		Date:
Safety / Excursion Coordinator:		8:00 - Quitting			
Leland Stewart Phone: 210863-5397		Field Approved By:		Date:	
PRIMARYACTIVITY	POTENTIAL HAZARDS	HAZARD SOLUTIONS		CONTINGENCY PLAN/ WHAT IF?	
Unload and Load Railcar	Back Strain Cuts and Abrasions Trips and falls Pinch	Proper lifting practices. Lift with your legs Proper PPE and clothing. Step carefully around equipment and trailer Be aware of hand placement		If load is too heavy and no help is available, WAIT! Assure enough work area before you start.	
Operation of railcar and inspection of track.	Debris in eyes. Trips and falls.	Wear safety glasses at all times. Step carefully when entering and exiting railcar. Do so only when railcar is stopped. Step over rail, DO NOT STEP ON TOP OF RAIL.		Stay in contact with crew at all times. Do not work alone. If accident occurs call 911 and contact work leader immediately.	
Operation of railcar and inspection of track.	Collisions	Maintain speed sufficient to enable full stop within 1/2 the sight distance of stopped railcar or any other object on track. At road crossings, only proceed when safe to do so. Auto traffic has the right of way. Be aware of livestock and wild animals.		Stay in contact with crew at all times. Do not work alone. If accident occurs call 911 and contact work leader immediately.	
Operation of railcar and inspection of track.	Derailments	Make sure that road crossing flangeways are clear of debris before proceeding. Watch for track switches with self guarding or spring frogs. Proceed slowly. Check switch alignment.		Stay in contact with crew at all times. Do not work alone. If accident occurs call 911 and contact work leader immediately.	
Operation of railcar and inspection of track.	Strike by Equipment	Do not stand between rails. Be aware of equipment moving on rails. Stay in visual contact with operator of railcar. Do not move railcar until all persons are visably in the clear. Operator to utilize warning flags to indicate slow or stop on while moving railcar.		Stay in contact with crew at all times. Do not work alone. If accident occurs call 911 and contact work leader immediately.	
Using hand tools and power equipment on ROW	Back Strain Cuts and Abrasions Trips and falls Pinch Debris in eyes Head Injury	Proper lifting techniques. Back straight, lift with legs. Wear proper PPE. Use gloves when practical. Watch your step. Wear sturdy shoes. Do not step on rail. Be aware of hand placement. Wear safety glasses when using chainsaws, weed trimmers, or chopping implements (grubbing hoes, spudders, etc.) Hard hats and protective gear required for chain saw work.		Stay in contact with crew at all times. Do not work alone. If accident occurs call 911 and contact work leader immediately.	
TRAINING REQUIREMENTS			INSPECTION REQUIREMENTS		
Equipment training: As deemed necessary by Foreman			NARCOA Inspection Sheets on all equipment used is required.		
Equipment: Railcars must be inspected prior to set on.			All motorcar operators must have certification cards and Narcoa insurance cards in possession.		
Appropriate PPE must be worn at all times					