



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

GROUP	H
EXHIBIT	
8	

Agency / Organization

Norfolk Southern

Title

**Derailment Photos and DOT
FRA Guide Figures**

Cars 26-29; 53
Placement of Vinyl chloride Cars



Cars 26-29
East End of Derailment



**Car 53 (Vinyl chloride Car) & Car 47 (Isobutylene Car)
West end of Derailment**



**Car 53 (Vinyl chloride Car)
West end of Derailment**



**Cars 26-29 (Vinyl chloride Cars)
East end of Derailment**



**Cars 26-29 (Vinyl chloride Cars)
East end of Derailment**



**Cars 28, 29, 53 (Vinyl chloride Cars)
PRD, Fire Inside Housings**



Figure 1 from DOT FRA Handbook for Vent and Burn Method of Field Product Removal

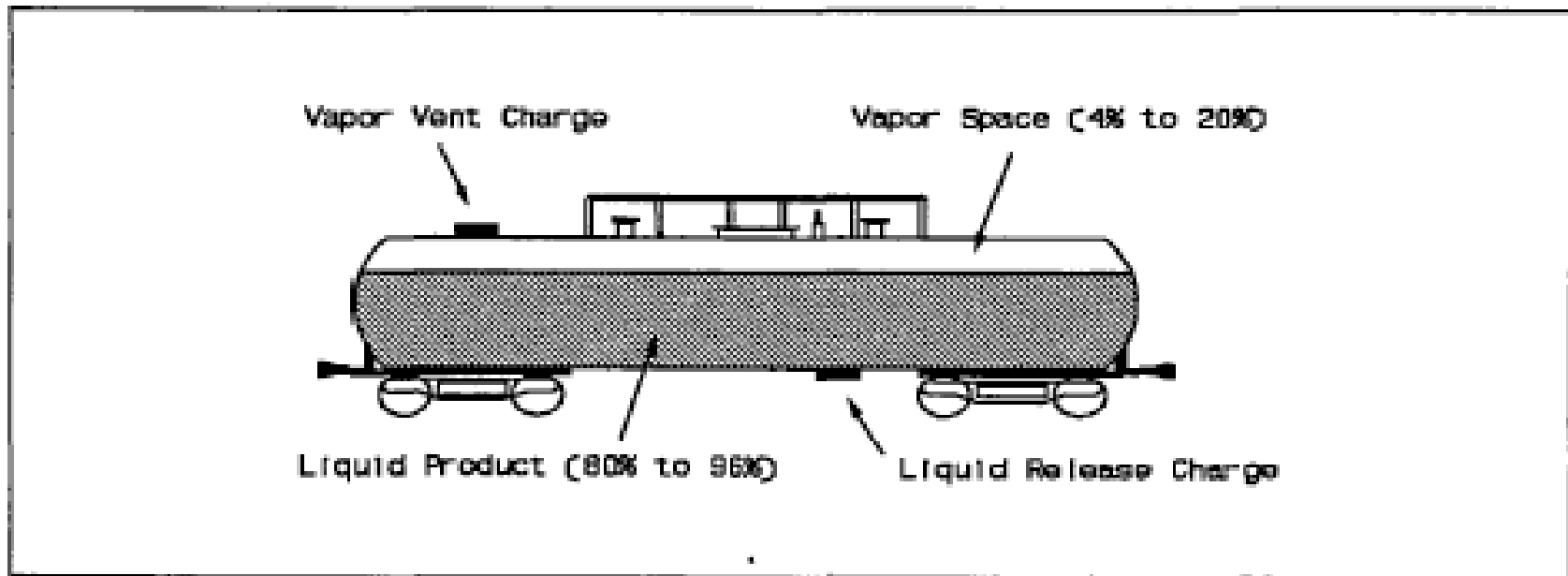


Figure 1. Schematic of Tank Car Displaying Vapor and Liquid Spaces; Recommended Application Points of Explosives Indicated

Figure 2 from DOT FRA Handbook for Vent and Burn Method of Field Product Removal

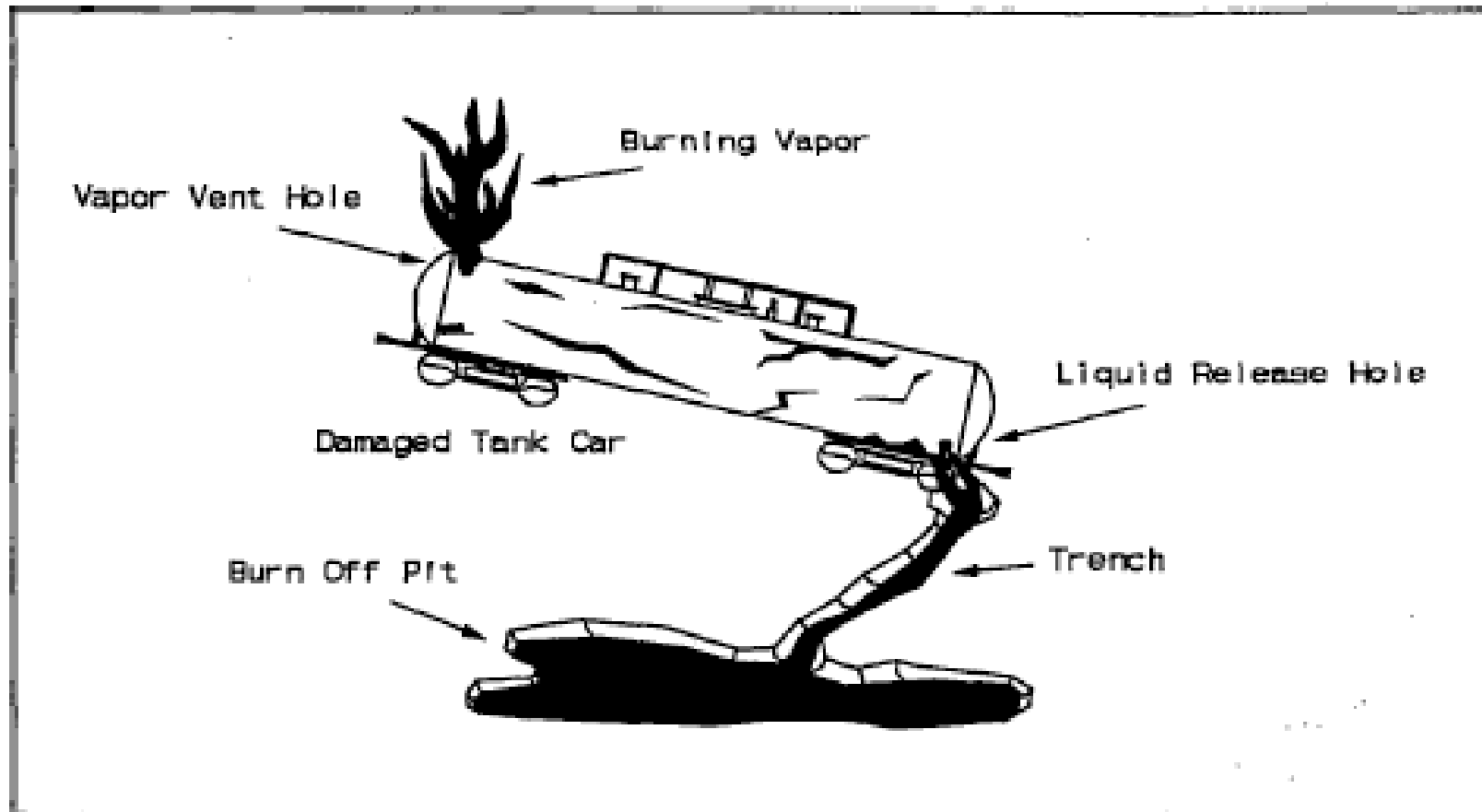


Figure 2. Application of Vent and Burn Procedure on Flammable or Combustible Liquid