



PHILIPPINE INSTITUTE OF PETROLEUM



Road Transport Emergency Response Plan

PIP Road Transport Committee

Table of Contents

- Preventive Measures
 - Driver Training
 - New Drivers
 - Active Drivers
 - Product Receiver Training
 - Personal Protective Equipment
 - Heavy Goods Vehicles
 - PIP Vehicle Standards
 - Annual
 - Pre-Entry
- Recovery
 - Lorry and Hauler Response
- Back-up Slides

New Driver Applicant

- a) Mindset Change
- b) Defensive Driving Course (The Safe Driver)
- c) Defensive Driving Course (Vehicle Roll-Over Intervention Program)
- d) Product Knowledge
- e) Gantry Operation
- f) Emergency Response
- g) Good Grooming
- h) Backing Maneuvers
- i) Site Induction Training
- j) Actual On-the-Road Assessments (AODT)
- k) Fatigue Management

Accreditation Criteria: Drive must pass all of the above modules.

Preventive Measures – Driver Training – Active Drivers

Active RT Driver Modules

- a) Defensive Driving Course (Refresher and advancement)
- b) BBS (Behavior Based Safety)
- c) Knowing Your Lorry
- d) Fatigue Management
- e) Emergency Response
- f) Product Knowledge
- g) Actual On-the-Road Assessments (AODT)
- h) Wellness and Nutrition

Accreditation Criteria: Drive must pass all of the above to continue with deliveries.

Preventive Measures – Product Receiver Training

Product Receiver Modules

- a) Product Receiving Course (Refresher)
- b) Product Knowledge (Refresher)

Accreditation Criteria: Attendee must pass the above modules to be a product receiver.

Preventive Measures – Personal Protective Equipment



Hard hat. Chin strap is mandatory when working at height (> 1.8 meters)



Safety glasses with side shields



Steel toed safety shoes/boots



100% cotton clothing.



Reflective clothing (vest or striped overalls)



Fall protection system: Mandatory when working at height (> 1.8 meters) unless otherwise protected with platform and railings

Heavy Goods Vehicles – PIP Vehicle Standards

- a) Proper vehicle height vs width ratio.
- b) Tubeless steel-belted radials.
- c) Battery Isolation, tank top coaming, and self latching manhole covers in the event of vehicle rollover.
- d) Quick acting valves only, and bottom operable controllers for internal safety valves.
- e) Strengthened side and rear underrun protection.
- f) Vapor proof electrics.
- g) Fall protection systems (hand rail or bi-lines & harness)
- h) GPS monitoring.
- i) 2 dry-powder or CO2 fire extinguishers, first aid kits, spill kits, and flame proof flashlights for emergencies.
- j) Wheel chocks
- k) Annual Road-worthiness Inspection

Recovery – Lorry and Hauler Response



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Back-up Slides

Tier 2: Shell Emergency Response Trailer



Mobile Trailer Van

Content of Trailer Van

- Spill Kits
- Composite and Rubber Hose
- Fast Flow Skimmer
- Assorted Tools and Equipment



Tier 2: Shell Emergency Response Trailer



Mobile Lighting System with Diesel-driven Generator



Diesel driven Air Compressor to drive Pneumatic Eqpt and Tools

Tier 2: Shell Emergency Response Trailer



Diesel-driven Spate Pump (Slurry)
with pumping capacity of 30 KL/Hour



Pneumatic Diaphragm Pump –
600 LPM Capacity



Mobile Foam Educator –
36 gallon capacity



Air Educator & Gas Testing Equipment