Hazard Register

Type	BULK TANKER TRAILER	**Location**	Select
Make	TIEMANN	**Sale Number**	8017972
Model	1991	**Lot Number**	0035
Serial Number		**Vendor**	879421-1

ID	Hazard Type	Hazard Description
140683.1	Slips	ATTACH ANTI SLIP MATERIAL TO ACCESS STEPS
140683.2	Plant Operation	NO SERVICE OR MAINTENANCE RECORDS AVAILABLE. ENSURE THE PLANT IS ISOLATED/DE-ENERGISED WHEN THE PLANT IS BEING CLEANED/MAINTAINED.
140683.3	AIR PRESSURE	ENSURE THAT AIR PRESSURE IS RELEASED PRIOR TO MAINTENANCE OR SERVICING OF AIR COMPRESSOR AND SYSTEM. INSPECT REGULARLY TO ENSURE HOSES, FITTINGS AND LINES ARE IN GOOD CONDITION. CONDITION TO BE ASSESSED BY A COMPETENT PERSON.
140683.4	Guarding	ENSURE THAT THERE IS GUARDING OVER MOVING PARTS AS PER AS 4024.1 SAFE GUARDING OF MACHINERY. ENSURE GUARDING REPLACED OVER ANY PTO DRIVES AFTER MAINTENANCE.
140683.5	Plant Structure	ENSURE PLATFORMS AND LADDERS ON THIS VEHICLE MEET AS1657-1992- PLATFORMS AND WALKWAYS.
140683.6	Confined Space	IF ASSESSED AND IF REQUIRED, ENSURE THAT CONFINED SPACE PROCEDURES ARE DEVELOPED. ENSURE THAT SIGNAGE IS ERECTED. ENSURE THAT IF THERE IS ANY RISK OF A CONTAMINATED ATMOSPHERE, MONITORING PROCESSES ARE IN PLACE. ENSURE THAT CONFINED SPACE CONTROLS ARE IMPLEMENTED AS REQUIRED BY STATE ACTS AND REGULATIONS AND AS/NZS 2865-2001: SAFE WORKING IN A CONFINED SPACE.
140683.7	Signage	ENSURE THAT DANGEROUS GOODS SIGNAGE IS CORRECT AS PER ADG CODE.
140683.8	Fire/Explosion	GAS LEAKS. ENSURE BATTERY TERMINALS ON PRIME MOVER ARE COVERED (RUBBER BOOTS) TO PREVENT ARCING. ENSURE THAT THE APPROPRIATE DANGEROUS GOODS SIGNAGE IS PRESENT ON THE PLANT BEFORE USE IN THE WORKPLACE. ENSURE FUEL HOSE LINES AND FITTINGS ARE IN GOOD CONDITION AND FUNCTIONING CORRECTLY PRIOR TO USE IN THE WORKPLACE. ENSURE THERE IS FIRE EXTINGUISHERS ON THIS PLANT.
140683.9	Hazardous Substances	ENSURE MATERIAL SAFETY DATA SHEET IS AVAILABLE FOR OPERATOR. THERE IS A PETROL PUMP ON THIS TANKER-FLAMMABLE LIQUIDS.
140683.10	Controls	ENSURE THAT SPECIFIED WORK INSTRUCTIONS DO NOT CAUSE PERSONAL INJURY (E.G. MANUAL HANDLING TASKS). NOTE: ANY COMPONENT OF SIGNIFICANT MASS (WEIGHT) SHOULD BE MARKED WITH THE MASS TO WARN THE OPERATOR.
140683.11	Skills	ENSURE ONLY COMPETENT/SKILLED PERSONNEL HAVE ACCESS AND USE THE PLANT (INCL. INSTRUCTIONS/TRAINING RE: DISCONNECTING OF FITTINGS/PIPELINES).
140683.12	Work Method	CONDUCT AND DOCUMENT REGULAR INSPECTIONS OF FITTINGS/VALVES AND PIPELINES EQUIPMENT.
140683.13	Noise	SOUND PRESSURE LEVELS (SPL) NEEDS TESTING AT OPERATOR STATION. IF SPL GREATER THAN 85 dB(A), CLEAR & VISIBLE WARNINGS MUST BE ATTACHED RE: USE OF HEARING PROTECTION.
140683.14	HIGH PRESSURE	ENSURE THAT PRE-OPERATIONAL CHECKS ARE CONDUCTED ON ALL LINES AND FITTINGS TO ENSURE THERE IS NO LEAKS OR DAMAGE.

Health and Safety
Plant Safety
Purchaser Information

This plant health and safety information has been prepared by Grays for the purchaser of the plant item as required by National WHS Legislation. Whilst every effort has been made to identify all of the hazards, it should be recognised that all reasonably practicable hazards have been identified given due consideration to:

- state of knowledge about the plant item
- the availability and suitability of ways to eliminate or control the hazards
- the cost of evaluating, eliminating or controlling the hazard

Consequently, if this plant item is being purchased for use at a place of work, the purchaser is reminded of their obligations to involve and consult with employees in identifying foreseeable hazards, assess their risks and to take action to eliminate or control the risks.

In order to assess the risk, it is necessary to consider for all the identified hazards, the chance (likelihood) of something happening that would impact (consequence) on health and safety at the workplace. The following guidelines are provided to assist the purchaser in consistently carrying out an assessment of risk:

Likelihood

- Frequency and duration of exposure
- Probability of occurrence of hazard or event (including part history of incidents)
- Possibility to avoid / minimize or limit the damage, impact or harm
- Reliability and effectiveness of existing / established systems of control

Consequences

- Assume “worst case” injury, but also competent follow-up medical and rehabilitation support
- Consider forces or energy levels, highest belt tensions, size of gears, pulleys or other entrapment points and therefore body parts likely to be injured
- Consider sharpness of entrapment points, surrounding parts likely to exacerbate injury, and any give in the entrapment point
- Consider, will entrapment continue until plant is stopped, or can an injured part travel through the entrapment area
- Are temperatures of plant, or chemicals, likely to further injure entrapped person

The outcome of the risk assessment will be a prioritised list of risk control strategies and actions consistent with the following ratings:

Low risk- may be considered acceptable, where the existing controls in place are seen to be effective, requiring periodic monitoring for effectiveness.
Medium risk- considered to be unacceptable and requiring additional risk controls within medium to long term.
High risk – considered to be unacceptable and requiring action within the short to medium term.
Extreme risk – unacceptable, where immediate action required.

In all of these cases employees/operators must be made aware of the risk controls in place to protect them from the hazards.