

# Hazard Register



<b>Type</b>	DOZER	<b>Location</b>	
<b>Make</b>	KOMATSU	<b>Sale Number</b>	7048443
<b>Model</b>	D65EX-16	<b>Lot Number</b>	0004
<b>Serial Number</b>		<b>Vendor</b>	127870-3

ID	Hazard Type	Hazard Description
141777.1	Maintenance	ENSURE MAINTENANCE AND SERVICE RECORDS ARE RETAINED WITH PLANT. TO ENSURE SAFETY OF THE PLANT IN THE WORKPLACE OBTAIN CERTIFICATION FROM COMPETENT PERSON.
141777.2	High Pressure Fluid	FAILURE OF PLANT ATTACHMENTS. HYDRAULIC PRESSURE PRESENT. ENSURE THAT ALL PRESSURE IS RELEASED PRIOR TO PERFORMING MAINTENANCE OR DE-COMMISSIONING TASKS. ALL HYDRAULIC LINES TO BE REGULARLY INSPECTED AND MAINTAINED.
141777.3	Flammable substances	OBTAIN MSDS FOR CHEMICALS USED AS WORK COOLANT AND LUBRICANT. CONDUCT RISK ASSESSMENTS IF CHEMICAL IS HAZARDOUS AS REQUIRED BY REGULATIONS.
141777.4	Noise	HEARING PROTECTION TO BE PROVIDED FOR OPERATOR IF LEVEL ABOVE 85dBa.
141777.5	Temperature (Thermal Comfort)	ENSURE TEMPERATURE IN CAB CAN BE CONTROLLED TO AN ACCEPTABLE LEVEL FOR COMFORTABLE OPERATION . AIR CONDITIONING IS NOT FUNCTIONING ON THIS PLANT. ENSURE AIR CONDITIONING IS FUNCTIONING CORRECTLY.
141777.6	Emergency Stop	FIT COMPLIANT LATCHING EMERGENCY STOP (E-STOP) TO PLANT AS REQUIRED BY THE MANUFACTURERS SPECIFICATIONS OR AS4024.1 SAFE GUARDING OF MACHINERY - GENERAL PRINCIPLES. PLANT TO BE USED WITH AN ELECTRICAL CIRCUIT BREAKER (SAFETY SWITCH).
141777.7	Fire	FLAMMABLE LIQUIDS PRESENT. ENSURE A FIRE EXTINGUISHER IS PRESENT. ENSURE FIRE EXTINGUISHER IS INSPECTED BY A QUALIFIED PERSON EVERY 6 MONTHS.
141777.8	Plant Operation	FOR SAFE USE, ALL CONTROL INSTRUMENTS IN CAB SHOULD BE LABELLED FOR THE OPERATOR TO EASILY UNDERSTAND. CONTROL PANEL SYMBOL CHART ON DASH BOARD IS EASY TO READ.
141777.9	Plant Structure	ENSURE ROPS STRUCTURE HAS BEEN CERTIFIED TO ROLLOVER STANDARDS.
141777.10	warning device	COLLISION. THERE IS NOWARNING SYSTEMS ON THIS ON THIS PLANT. ENSURE ONE AUDIBLE AND ONE VISUAL WARNING SYSTEM IS INSTALLED ON THIS PLANT AND WORKING PRIOR TO USE IN THE WORKPLACE.
141777.11	Controls	OBTAIN DOCUMENTED OPERATORS MANUAL/ INSTRUCTIONS FOR CORRECT USE FROM MANUFACTURER.
141777.12	Signage	ENSURE WARNING, CAUTION OR INSTRUCTIONAL LABELS ARE PRESENT AND EASILY READ. CRAWLER SERVICE POINT AND SCHEDULING CHART, START UP AND SHUT DOWN SAFETY INSTRUCTION, FLAMMABLE VAPOURS-BATTERY CHECK, MASTER SWITCH OFF BEFORE MAINTENEACNE LABELS PRESENT. CONDUCT RISK ASSESSMENTS TO ENSURE ALL HAZARDS ARE IDENTIFIED AND APPROPRIATE SIGNAGE IMPLEMENTED.
141777.13	Falling	ENSURE ALL HANDLES IN GOOD CONDITION AND STEPS HAVE NON-SLIP SURFACES. OPERATORS ARE TO MAINTAIN 3 POINTS OF CONTACT WHEN USING LADDERS.
141777.14	Plant Structure	MOVING AND HOT PARTS. ENSURE HOODS AND GUARDS ARE ATTACHED TO SIDE OF ENGINE BAY AND EXHAUST SYSTEMS.
141777.15	Ergonomics	ENSURE HANDLES AND STEPS IN GOOD WORKING ORDER. ENSURE ERGONOMIC SEAT FOR OPERATOR IN GOOD

# Hazard Register



141777.16 Guarding

OPERATIONAL ORDER AND SEAT BELT AND SEAT ADJUSTOR PRESENT.

ENSURE CAGE GUARDING OVER AND AROUND CAB TO PREVENT TREE/ BRANCH FALL. FALLING OBJECTS PROTECTIVE STRUCTURE (FOPS) PRESENT ON THIS PLANT. ENSURE ENGINE BAY PANELLING TO GUARD AGAINST MOVING PARTS IN THE ENGINE AREA IS FITTED.

## 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	Consequences
<ul style="list-style-type: none"><li>• Frequency and duration of exposure</li><li>• Probability of occurrence of hazard or event (including part history of incidents)</li><li>• Possibility to avoid / minimize or limit the damage, impact or harm</li><li>• Reliability and effectiveness of existing / established systems of control</li></ul>	<ul style="list-style-type: none"><li>• Assume “worst case” injury, but also competent follow-up medical and rehabilitation support</li><li>• Consider forces or energy levels, highest belt tensions, size of gears, pulleys or other entrapment points and therefore body parts likely to be injured</li><li>• Consider sharpness of entrapment points, surrounding parts likely to exacerbate injury, and any give in the entrapment point</li><li>• Consider, will entrapment continue until plant is stopped, or can an injured part travel through the entrapment area</li><li>• Are temperatures of plant, or chemicals, likely to further injure entrapped person</li></ul>

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.