

PRE-OPERATIONAL CHECKLIST FOR A scraper

NAME

DATE

Scraper No

All the items in the "ITEMS TO BE CHECKED" column must be checked by operators before operating equipment.

Indicate whether each item is in a serviceable condition (using a tick) or not (using a cross). If irrelevant, write n/a in the comments section. If defective, comment on the exact nature of the defect and do not operate until reported and corrected. A new checklist then needs to be filled in and retained indicating that all parts are serviceable.

PERSONAL PROTECTIVE EQUIPMENT REQUIREMENTS

Safety belt inside the operator's cabin,
and a reflective jacket, safety boots and
hard hat in hard hat areas when disembarked
from the machine.



PRE-OPERATIONAL ITEMS TO BE CHECKED



COMMENTS

360° WALK AROUND

MACHINE FRAME FOR CRACKS OR DAMAGE
ROLL OVER PROTECTION CONDITION
INSPECT ALL COVERS AND GUARDS ARE IN PLACE
SAFETY DECALS VISIBLE AND LEGIBLE
WORKING LIGHTS IN GOOD CONDITION
BLADES, CUTTING EDGES, CORNER BITS & TEETH
INSPECT STEPS, GRAB IRONS CONDITIONS
ALL MACHINE ATTACHMENTS - CONDITION

DRIVE CHAIN (IF A SINGLE DRUM ROLLER)

TYRES CONDITION AND VALVE CAPS
INFLATED TO THE RECOMMENDED PRESSURE
WHEEL HUBS - NO OIL LEAKS
NO LOOSE WHEEL NUTS AND BOLTS
DRIVESHAFT
DIFFERENTIAL AND FINAL DRIVES - NO OIL LEAKS

DRIVER'S CABIN

SEAT IN GOOD CONDITION AND ADJUSTABLE
SEATBELT WORKS PROPERLY
WINDSCREEN CLEAN NOT CRACKED
STEERING WHEEL IN GOOD CONDITION
INSTRUMENT PANEL IN GOOD CONDITION
CONTROL LEVERS IN GOOD CONDITION
FLOOR PLATE FREE OF DEBRIS, OIL, GREASE, ETC.

PRE-START ENGINE CHECKS



GENERAL CHECKS

INSPECT ENGINE COMPARTMENT FOR DEBRIS
NO FUEL, WATER & OIL LEAKS (GROUND)

FUEL TANK DRAINED OF WATER SEDIMENT
TURBO CHARGER CONDITION

FLUIDS / LUBRICATION

GREASE POINTS LUBRICATED ENGINE OIL STEERING OIL BRAKE FLUID STEERING OIL
RADIATOR COOLANT BATTERY ELECTROLYTE DIFFERENTIAL OIL TRANSMISSION AXLE OIL
FRONT AXLE OIL PLANATERIES OIL HYDRAULIC OIL LEVEL TRANSMISSION OIL (ENGINE ON)

Continued overleaf

PRE-START ENGINE CHECKS (CONTINUED)

COOLING SYSTEM CHECKS

FAN ASSEMBLY CONDITION		RADIATOR CAP NO CONTAMINANTS	
NO LEAKS/DAMAGE ON PIPES/HOSES/CLAMPS		RADIATOR CAP NO CORROSION	
RADIATOR CORE NOT LEAKING OR CORRODED		WATER PUMP PULLEY IS PROPERLY ALIGNED	

AIR INDUCTION AND EXHAUST SYSTEM

ENGINE PRE-CLEANER BOWL UNOBSTRUCTED		AIR RESTRICTION INDICATOR (GREEN/YELLOW)	
AIR FILTER CONDITION		AIR RESERVOIR DRAINED OF WATER & SEDIMENT	
AIR INDUCTION PIPES IN GOOD CONDITION		MUFFLER / EXHAUST IN GOOD CONDITION	

BATTERY

CLEAN, DRY AND PROPERLY SECURED		CASING NOT BUCKLED BY HEAT DAMAGE	
TERMINAL LUGS ARE CLEAN AND TIGHT		ALTERNATOR CONDITION	

FUEL SYSTEM

PUMP CONDITION		THROTTLE LINKAGE	
FUEL LINES CONDITION		FILTER CONDITION	
FUEL LINE CLAMPS SECURE		FUEL INJECTORS CONDITION	

BRAKE SYSTEM

AIR COMPRESSOR		LINKAGE CONDITION	
BLEED AIR TANK		LINES AND HOSES CONDITION	

HYDRAULIC SYSTEM

RESERVOIR IN GOOD CONDITION & NO LEAKS		CLEVIS MOUNTINGS ALL TIGHTLY FASTENED	
PUMP IN GOOD CONDITION AND NO LEAKS		CYLINDERS ALL IN GOOD CONDITION	
OIL COOLER CONDITION		PISTON RODS ALL NOT DISCOLOURED,	
VALVE BANK IN GOOD CONDITION & NO LEAKS		PISTON RODS HAVE NO VERTICAL SCRATCHES	
PIPES ALL IN GOOD CONDITION AND NO LEAKS		PISTON RODS NOT BENT OR CRACKED	
PORTS NOT LEAKING		NOT LEAKING OIL FROM RING SEALS	

BEFORE STARTING UP...

REPORT/RECORD ANY DEFECTS FOUND IN THE WALK AROUND INSPECTION	
ENSURE YOU ARE WEARING ALL THE REQUIRED SAFETY EQUIPMENT	
SWITCH THE MASTER ISOLATOR SWITCH ON (IF APPLICABLE)	
THREE POINTS OF CONTACT METHOD CLIMBING UP TO THE OPERATOR'S COMPARTMENT	
ADJUST THE SEAT	
ENSURE THAT THE SEAT BELT IS FITTED AND ADJUSTED	
ENSURE THAT THE TRANSMISSION LOCK LEVER IS APPLIED	
ENSURE THAT THE APPROPRIATE IMPLEMENTS CONTROLS ARE IN THE HOLD POSITION	
ENSURE THAT THE TRANSMISSION GEAR SELECT LEVER IS IN THE PARK POSITION	
ENSURE THE TRANSMISSION DIRECTIONAL SELECT LEVER IS IN NEUTRAL POSITION	
CHECK FOR LOOSE ITEMS ON THE FLOOR	
CHECK IF ALL PERSONS ARE WELL CLEAR OF THE MACHINE	
DO A 360 DEGREE CHECK FOR ANY POTENTIAL HAZARDS	
RECORD START OF TRIP HOUR METRE READING	
TURN THE IGNITION SWITCH / KEY TO THE ON POSITION	
CHECK THAT ALL THE GAUGES ARE FUNCTIONING CORRECTLY	
SOUND THE HOOTER (IF FITTED) ONCE TO WARN ANYONE IN THE IMMEDIATE VICINITY THAT YOU ARE ABOUT TO START THE MACHINE	

START-UP PROCEDURAL CHECKS

USE STARTING FLUID SPARINGLY IF THE ENGINE IS COLD (IF APPLICABLE)	
START THE ENGINE	
DO NOT ALLOW THE STARTER TO TURN LONGER THAN 10 SECONDS WITHOUT ALLOWING THE STARTER TO COOL FOR TWO MINUTES	
ONCE THE ENGINE STARTS, WARM UP THE ENGINE	
CHECK THE ENGINE OIL PRESSURE INDICATOR TO BE SURE THAT PRESSURE DEVELOPS WITHIN TEN (10) SECONDS AFTER START-UP	

Continued overleaf

