

PRE-OPERATIONAL CHECKLIST FOR A

Ready mix tanker truck



NAME DATE Truck 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 REQUIRMENTS

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.



POWER UNIT

GENERAL CONDITION	
CAB, DOORS & WINDOWS UNDAMAGED	NO OIL / GREASE / FUEL / COOLANT / AIR LEAKS
BODY IN GOOD CONDITION	
OPERATOR'S CAB	
GAUGES / WARNING INDICATORS WORKING	PARKING BRAKES SECURE & WORKING
WINDSHIELD WIPERS & WASHERS WORKING	EMERGENCY BRAKES SECURE & WORKING
HOOTER(S) WORKING & LOUD ENOUGH	TRIANGLES & FLARES SUFFICIENTLY AVAILABLE
HEATER & DEFROSTER WORKING PROPERLY	FIRE EXTINGUISHERS AVAILABLE & CHARGED
MIRRORS CLEAN, SECURE & UNDAMAGED	SPARE FUSES AVAILABLE
CLUTCH SECURE & WORKING	SEAT BELTS SECURE, UNDAMAGED & WORKING
SERVICE BRAKES SECURE & WORKING	
EXTERIOR	
LIGHTS CLEAN & WORKING	EXHAUST SECURE & UNOBSTRUCTED
REFLECTORS CLEAN & VISIBLE	AIR LINES SECURE & UNDAMAGED; NO LEAKS
SUSPENSION SECURE & UNDAMAGED	LIGHT LINE SECURE & UNDAMAGED
TYRE SECURE, FREE O WEAR & DAMAGED	FIFTH WHEEL AVAILABLE
WHEELS, RIMS & LUGS SECURE & UNDAMAGED	TIE-DOWNS SECURE
BATTERY SECURE & CHARGED ENOUGH	REAR-END PROTECTION PRESENT & INTACT

MIXER UNIT

GENERAL	
CONTROL CABLES SECURE UNDAMAGED	CHAIN ADJUSTED & OILED
LADDERS SECURE & IN GOOD CONDITION	CONTROL LEVERS WORKING & UNDAMAGED
WATER TANK GLASS CLEAR & UNDAMAGED	COUNTER WORKING & IN GOOD CONDITION
HOLD-DOWNS SECURE	ROLLER & DRUM IN GOOD CONDITION
DRUM BLADES	
NO EXCESSIVE WEAR / SURFACE AREA LOSS	NO HARDENED CONCRETE BUILD-UP
NO LARGE HOLES / TEARS	SURFACES SMOOTH, CLEAN & CONTINUOUS
NO BUCKLING / BENDING / OTHER DEFORMITY	TRIANGLES & FLARES SUFFICIENTLY AVAILABLE
HOPPERS	
NO HARDENED CONCRETE BUILD-UP	SURFACES CLEAN & SMOOTH
CHUTES	
NO HARDENED CONCRETE BUILD-UP	LATCHES SECURE & UNDAMAGED
SURFACES CLEAN & SMOOTH	SAFETY HOOKS SECURE & UNDAMAGED

Continued overleaf

MIXER UNIT (contd.)**WATER SYSTEM**

EQUIPMENT IN PROPER WORKING CONDITION	HOSES, LINES & TANKS SECURE & UNDAMAGED
SITE GAUGE / WATER METERS CLEAN & LEGIBLE	VALVES & DRUM SECURE & UNDAMAGED
NOZZLES NOT OBSTRUCTED / LEAKING	COUNTER WORKING & IN GOOD CONDITION

HYDRAULIC SYSTEM

HOSES, MOTOR & PUMPS IN GOOD CONDITION	NO HYDRAULIC OIL LEAKS
TANK & COOLER SECURE & UNDAMAGED	

SAFE OPERATING PROCEDURE

UNDO LATCHES & OPEN MIXER HOOD	AT BAK OF MIXER, CHECK CONTROL FUNCTION
INSPECT ENGINE (SEE BELOW)	ENSURE DRUM ROTATES IN DISCHARGE
ENTER MIXER & START ENGINE	ENTER MIXER, TURN OFF EMERGENCY LIGHTS
EXIT MIXER, TAKING HAMMER WITH YOU	ENSURE SUFFICIENT FUEL LEVEL
INSPECT TYRES VISUALLY & WITH HAMMER	ENSURE SUFFICIENT AIR PRESSURE
WALK AROUND & CHECK ALL LIGHTS	LOAD TANKER TRUCK UNDER SOCK

PRE-START ENGINE CHECKS**GENERAL CHECKS**

ENGINE COMPARTMENT HAS NO DEBRIS	FUEL TANK DRAINED OF WATER SEDIMENT
NO FUEL, WATER & OIL LEAKS (GROUND)	TURBO CHARGER IN GOOD CONDITION

FLUIDS / LUBRICATION (CHECK LEVELS AND / OR CONDITION)

GREASE POINTS LUBRICATED <input type="checkbox"/>	ENGINE OIL <input type="checkbox"/>	STEERING OIL <input type="checkbox"/>	BRAKE FLUID <input type="checkbox"/>	STEERING OIL <input type="checkbox"/>
RADIATOR COOLANT <input type="checkbox"/>	BATTERY ELECTROLYTE <input type="checkbox"/>	DIFFERENTIAL OIL <input type="checkbox"/>	TRANSMISSION AXLE OIL <input type="checkbox"/>	
FRONT AXLE OIL <input type="checkbox"/>	PLANATERIES OIL <input type="checkbox"/>	HYDRAULIC OIL LEVEL <input type="checkbox"/>	TRANSMISSION OIL (ENGINE ON) <input type="checkbox"/>	

COOLING SYSTEM CHECKS

FAN ASSEMBLY IN GOOD CONDITION	RADIATOR CAP HAS NO CONTAMINANTS
NO LEAKS / DAMAGE ON PIPES, HOSES & CLAMPS	RADIATOR CAP NOT CORRODED
RADIATOR CORE NOT LEAKING / CORRODED	WATER PUMP PULLEY PROPERLY ALIGNED

AIR INDUCTION & EXHAUST SYSTEM

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

BATTERY

CLEAN, DRY & PROPERLY SECURED	CASING NOT BUCKLED BY HEAT DAMAGE
TERMINAL LUGS CLEAN & TIGHT	ALTERNATOR IN GOOD CONDITION

FUEL SYSTEM

PUMP IN GOOD CONDITION	THROTTLE LINKAGE IN GOOD CONDITION
FUEL LINES IN GOOD CONDITION	FILTER CLEAN & IN GOOD CONDITION
FUEL LINE CLAMPS SECURE & UNDAMAGED	FUEL INJECTORS IN GOOD CONDITION

BRAKE SYSTEM

AIR COMPRESSOR IN GOOD CONDITION	LINKAGE IN GOOD CONDITION
BLEED AIR TANK IN GOOD CONDITION	LINES & HOSES IN GOOD CONDITION

HYDRAULIC SYSTEM

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

OPERATOR
SIGNATURE

DATE