Plant and Equipment Minimum Standards



Tractor



Mewps

PEOPLE PLANT	Alia of														
PLACES	Towable Equipment	180 Degree Excavator	Mini Excavator (up to 8T)	Tracked & Wheeled 360 Degree Excavator (9T and above)	Dual View Dumper (6T and above)	Articulated Dump Trucks (25T and above)	Crawler Crane	Mobile Crane	Telehandler	MEWP	Ride on Cabbed Compaction Roller	Tracked Dozer	Forward and Side Tipping Dumper (3T)	Vacuum Extractor. European Suction Excavator	Si Gene
MANDATORY		•	•	•	•	•	•	•	•	•	•	•	•	ESE 10/16/ 26/32T	
Competency	•	>	•		7	•	•	•	•	•	•	•	•	•	
PPM		>													
LOLER/PUWER Legal Standards eg ROPS, FOPS, mirrors, seat belts etc) are being met in addition to above	•	•	•	•	•	•	•	•	>	•	•	•	•	•	
360 degree all round vision (cameras)									2						
Variable track (<3T)															
Mass deployment alarm															
Anti entrapment device															Some const
Work at height protection															From
Collision avoidance system front and rear (3T)													>		560k belov for be
Rear collision avoidance system (> 6T) or rear camera					•										stand Direc
Double locking quick hitch (>5T)		>													Engin For n
Manual/direct attachments quick hitch (<5T)			•												Londo every
Height and slew restrictors ¹		•													Some their
Speed restrictors															https syste Qual
Reversing/movement alarms ³															Qual i For m
FORS compliant (Fleet Operators Recognition Scheme).														•	equip
DECIDARIE															

 Environmental Regirements London and Greater London Area

ne examples of NRMM equipment include generators, truction machinery, mobile cranes and telehandlers.

om 1st September 2015 NRMM of net power between 37kw and 60kw used in London will be required to meet the standards set out elow. This will apply to both variable and constant speed engines both nitrogen dioxide (NOx) and particulate matter (PM). These dards will be based upon engine emission standards set in EU rective 97/68/EC and its subsequent amendments.

or non-road mobile plant this is Stage 5 engine emissions in the ndon Central Activity Zone and Stage 4 engine emissions for rywhere else

ome cities may introduce the Stage 5 engine emissions requirement in eir air quality standards. For further details, see appendix C of; ttps://assets.publishing.service.gov.uk/government/uploads/ ystem/uploads/attachment_data/file/672406/E31_-_Air_

more details regarding this legislation and clarification on what pment falls into scope please consult www.nrmm.london

DESIRABLE

Cabbed machine																
Anti entrapment / secondary guarding system / materal handling attachments (see appendices in document PET STD1)									•						•	
360 degree all round vision (cameras)								>						>		
360 degree all round vision (cameras) c/w pedestrian interface system ⁶			•		•	•		>		•	>			>		
110v only outlets / 230v outlets to be blanked off													5			
Consideration to use only Stage V engines or better	>	•	•	•	•	•	•	>	•	•	>	>	>	>	•	•

Everyone has the right to be

This must be read in conjunction with the Plant and Equipment Minimum Standards which are available on IMS: https://digest.intranet.int/home/ims/4-standards/plant-equipment-and-transport-standards.aspx

- Subject to risk assessment and dependant on operating parameters
- Rear camera minimum requirement 360 degree camera desirable
 - In built-up areas this may be replaced with a white noise movement alarm
- Machines 11T and over require full 360 degree camera / all machines under 11T reverse camera minimum 7 Operators for dual view machines must have completed full
- 5 Applies to petrol site generators only with maximum output of up to 10KVA
- This technology should be be available early 2021
- product familiarisation training

4	Document Reference	Process Parent	Revision Status	Document Owner	Date	Page	
	PET STD1a	PET PRO	Rev 2	Jonathan Hall	Dec 20	1 of 1	