

10.8 Plant Replacement

Objective

To outline Council's policy for the management of the minor and major plant and equipment, and the fleet of light, medium and heavy vehicles.

Policy

The categories of plant and vehicles are established to recognise the different operational and replacement requirements of the items.

The purpose of a replacement policy is to ensure that the items of plant and vehicles utilised by Shire staff:

1. meet safe operational needs;
2. minimise the cost of maintenance and repairs; and
3. are replaced at the appropriate time to minimise net changeover costs.

The operation of plant and vehicles within the North-West of Western Australia incurs reduced service life when compared with the cooler and less harsh operating environment of the southern areas of the State.

The following table should be used as a guide for the replacement period of various categories of plant and vehicles:

Group/Type	National Annual Benchmark Utilisation Engine Hrs/Km Travelled	Replacement Timing Guide	
		Years	KM/Hrs
Grader	1,000 Hrs	10	8,000 Hrs
Backhoe Loader	800 Hrs	7	5,000 Hrs
Loader	800 Hrs	8	8,000 Hrs
Skid Steer	700 Hrs	5	5,000 Hrs
Excavator (15tonne)	1,000 Hrs	10	8,000 Hrs
Excavator (8tonne)	800 Hrs	10	8,000 Hrs
Excavator (3.5tonne)	700 Hrs	8	5,000 Hrs

Heavy duty Truck (HR & HC)	35,000 Kms	8	500,000 Kms
Medium duty Truck (MR)	20,000 Kms	8	200,000 Kms
Light duty Truck (LR)	10,000 Kms	6	150,000 Kms
Rubber Tyred Roller	500 Hrs	10	5,000 Hrs
Vibrating Drum Roller	500 Hrs	8	5,000 Hrs
Mower Front Deck	500 Hrs	5	2,000 Hrs
Slasher Mower	500 Hrs	7	5,000 Hrs
Tractor (PTO Hrs)	800 Hrs	7	5,000 Hrs
Rear Lift Compactor	1,000Hrs	10	8,000 Hrs
Side Lift Compactor	25,000 Kms/1,700 Hrs	8	8,000 Hrs
Landfill compactor	1,000Hrs	10	8,000 Hrs
Landfill Wheel Loader	1,000Hrs	10	8,000 Hrs
Road Sweeper	*1,700 Hrs	8	8,000 Hrs
Car Park/Footpath Sweeper	*1,000 Hrs	8	5,000 Hrs
Wood chipper	800 Hrs	8	5,000 Hrs
Bus Mini	20,000 Kms	8	150,000 Kms
Cars & Utilities	20,000 Kms	5	120,000 Kms

Best value for money will determine the optimum replacement period for all plant and vehicles.

A review of the rolling 5-year replacement program will be prepared and considered as part of the annual Budget.

Authorisation Details

References:	<i>Provide any Statutory, Regulatory or Policy related documents</i>
Authorised by:	Council

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