



THE U-PULL-IT RECYCLING END OF LIVE VEHICLE PROCESSING: **PLASTIC GRANULATION**

1 STEP 1 **COLLECTION OF ELV'S**

Approximately 70,000 vehicles reach their "End of Life" in South Australia per annum, creating around 91,000 tonnes of waste materials including plastic, ferrous and non-ferrous metals. The average vehicle also has environmentally harmful fluids, gases and solids that need to be removed in a safe controlled environment.

2 STEP 2 **REMOVAL OF PLASTIC PARTS**

U-Pull-It recover on average ten kilograms of plastic bumper material from each vehicle processed. In addition, we offer a service to assist the Crash Repair industry to recycle damaged bumper bars. This material is of relatively low value due to limited local markets.

3 STEP 3 **SPECIALIST MACHINERY**

All bumper material has metal fragments and foreign plastic removed and is fed through a purpose designed machine that can granulate up to 3 tonnes/hour of plastic.

4 STEP 4 **GRANULATION PROCESS**

The material is fed up a conveyor belt into a large granulating plant which reduces the material down to a 3mm pellet. The material then flows through a series of air-driven filters that remove the fine dust and drops in to a bulk-bag, where it is weighed and stored ready for sale.

5 STEP 5 **QUALITY CONTROL**

Production is closely monitored by CCTV to ensure that the operator operates safely and in line with the SOP's.

6 STEP 6 **WORLDWIDE DISTRIBUTION**

This material has been supplied to local and international manufacturing plants for reuse in items such as park benches, ripple strips and reused in new bumper manufacture.