Automobile lead acid battery recycling: Zero pollution

Using a process developed by

Dross Engineering

Recycle your batteries and respect the environment

✓ Sulphur \leq 0.2% in paste after desulphurisation

✓ Ph \geq 6/7 in effluents

✓ Pb \leq 0.5mg/l in surplus water

Four breaking/separator plants using this latest process have been commissioned by Dross Engineering in 2016/2017: Myanmar, Morocco, Malaysia and Algeria.

The above figures are from the Moroccan installation that has been inspected by the government environment agency.

The process operates continuously and uses as a base agent either Na2CO3 or NaOh Low consumption levels and more than compensated for by economies made during smelting and refining to produce lead metal ingots

Reduced Na2O3 consumption

Reduced (even eliminates) Fe (Iron) consumption

Lower temperatures in the tilting rotary furnace = reduced energy consumption

No So2 in the fumes

Increases refractory lining life

The plant is designed to be built and installed to gives you a Treturn on investment of less than 2 years

http://www.dross-engineering.com

PROCEDE DROSS Engineering PALETTE BATTERIES **FRAGMENTATION B75** PRE-BROYEUR TREMIE AVEC VIBRANT D'ALIMENTATION CONVOYEUR B2 B6 BROYEUR **B5** CONVOYEUR 84 CRIBLE **B8** (B9) LAVAGE HYDRO-SEPARATEUR METALLIQUES / PLASTIQUES MAN'AAA CRIBLE PLASTIQUES PLASTIQUES ELECTROLYSE B16 AUMENTATION VIBRANTE **e19** DESULFURISATION DESULFURISATION GROSSES METALLIQUES FINES METALLIQUES B14 REACTEUR REACTEUR HYDRO-SEPARATEUR PLASTIQUES STOCKAGE ELECTROLYSE (81) FINES METALLIQUES B28 FILTRE PRESSE Marian December 160 ELECTROLYSE NEUTRALISE **620** VERS EGOUTS 🚛 PATES BAC FILTRE PRESSE BAC DE LAVAGE **629** DECANTEUR 22 623 (B2)

FUSION

