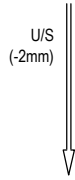
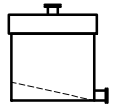
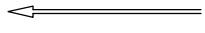


(+2mm)

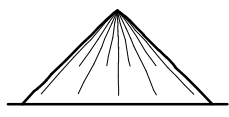
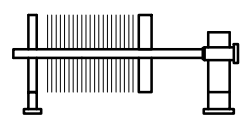
COARSE BOTTOM
ASH TREATMENT



FINE Fe
CONCENTRATE



FINE Cu
AND PRECIOUS METALS
CONCENTRATE





Client:	
Project:	Urban Metals Website
Project No.:	
Approval	For Information Only

PROCESS DESCRIPTION

Urban Metals FSTP

Raw bottom ash is fed to a wet operated jig or wet screen classifier, which separates the fines fraction (-2mm) as a slurry. The fine bottom ash fraction, containing most of the precious metals is then transferred to the fine slag treatment plant (FSTP). In the first step the slurry is processed through low intensity magnetic separation to remove fine iron. This step allows for the production of a saleable Fe concentrate for special smelting applications. The non-magnetic slurry proceeds to gravity concentration in a low and high gravitational field in series, whereas the low-G stage targets the recovery of fine copper and the high-G stage targets the recovery of precious metals.

Three separate concentrates are produced and dewatered in bags. These concentrates are either sold directly to smelters or processed through a subsequent cleaning step. The reject stream is dewatered and can be landfilled with minimized remaining metals content.