

TECHNICAL SPECIFICATION

Naturally Occurring Radioactive Material (NORM) Decontamination

Stork's NORM Decontamination package provides an efficient and cost-effective method of onsite decontamination and scale reduction of vessel/tank parts and pipe work.

This package consists of a decontamination unit for cleansing redundant or reusable vessel/tank parts and pipe work, and a scale reduction unit (Mono Muncher) for the waste handling and disposal of NORM.

Our radiation protection supervisors specialise in the removal and handling of NORM contaminated waste. Our range of equipment provides clients with environmentally friendly NORM management and disposal methods.

Decontamination unit components:

- Pow1000 kg rated manual chain hoist and trolley assembly
- Steel floor with drainage facility
- Removable grated secondary flooring
- Explosion protected lighting with emergency backup luminary and MCB junction box
- Suitable for connection to 110 volt 3 phase 50/60 Hz.
- 2 x inner rubber swing doors
- 2 x steel swing doors
- Emergency escape hatch
- 2 x air driven fans/ventilation
- Internal & external UHP/HP jetting hose, water & air assembly

Scale reduction unit components

(Mono Muncher):

- Waste inlet & outlet c/w hogger and /or hose connections
- Reversible air driven gear box motor.
- Muncher assembly with two rotary cutter shafts enclosed
- Five or seven teeth per cutter, 32 cutters per rotating cutter shaft
- Reduces scale/waste down to with-in 1mm in size prior to disposal
- Air supply, maximum working pressure 8 bar-120psi

Works in conjunction with:

- UHP/HP jetting packages and RDR pipe master drive
- Contamination monitors
- Dose rate monitor and waste separation/tote tanks

