



The Benefits and Flexibility of Mobile Munitions Demilitarisation Systems

Presented jointly by



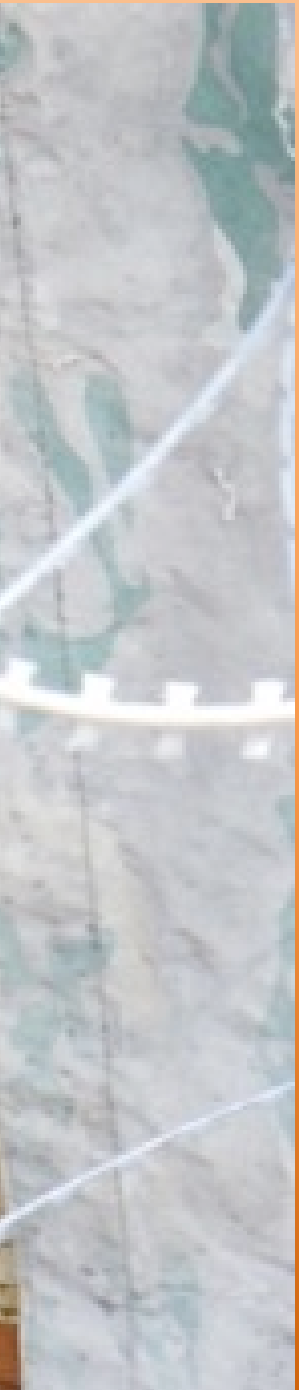
- David Hopps
- Managing Director
- DHA Global Ltd
- Kenn Underwood
- Managing Director
- EOD Solutions Ltd

880
7.62-T65
26 kg
11/19 1.2x0.4/1.2-M
12/69-21
12pl/M3
3/69

CEM
-ASSY
L-25-21
TXH-10
120-500
CAL 50
2002

100 CARTRIDGE
LINKED CAL 50
TIIIJ
A.P.M.B. MIV
44 LBS.
7 CU.FT.
RECKED I/T
EPAL

7.62 T. FT.
100 CARTRIDGE
LINKED
TIIIJ
A.P.M.B.
44 LBS.
7 CU.FT.











TRADS

TRansportable Ammunition Destruction System



Transportable



Camp Bastion Deployment



Bagram Deployment



Ammunition



Destruction



System

- Continuous throughput of ammunition for up to 8 hrs per day for 5 days followed by 1 day cleaning.
- Fuel usage approx 100-120 litres per day
- A mixture of SAA is more efficient
- Lime – 12 kg/day
- Urea - 25kg/day
- Scrap flows into container for further processing as appropriate

TRADS 20 Batch Furnace



Current Emission Standards

- Currently uses ceramic filter which meets EU emission standard EU 2007
- Ceramic filter enables gas temperature of up to 900c or 1650F
- Continuous monitoring of emissions is possible

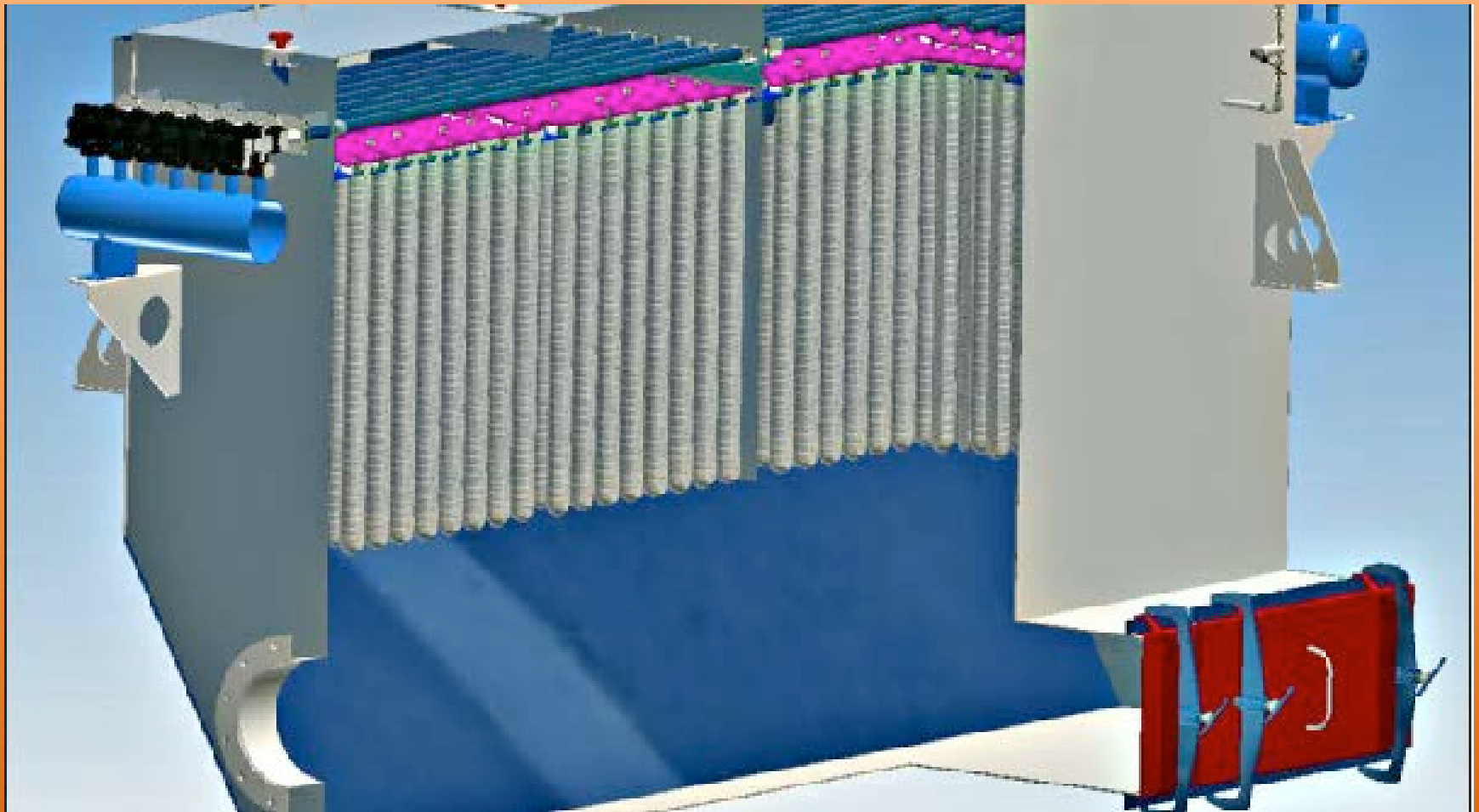
Future Emission Standards

- The inclusion of a Catalytic Filter will enable TRADS to meet most States EPA Environmental Standards.
- Additional scrubber can be added to absorb large concentrations of heavy metals if required

Self Cleaning Ceramic Filters



Large Scale Ceramic Filtration



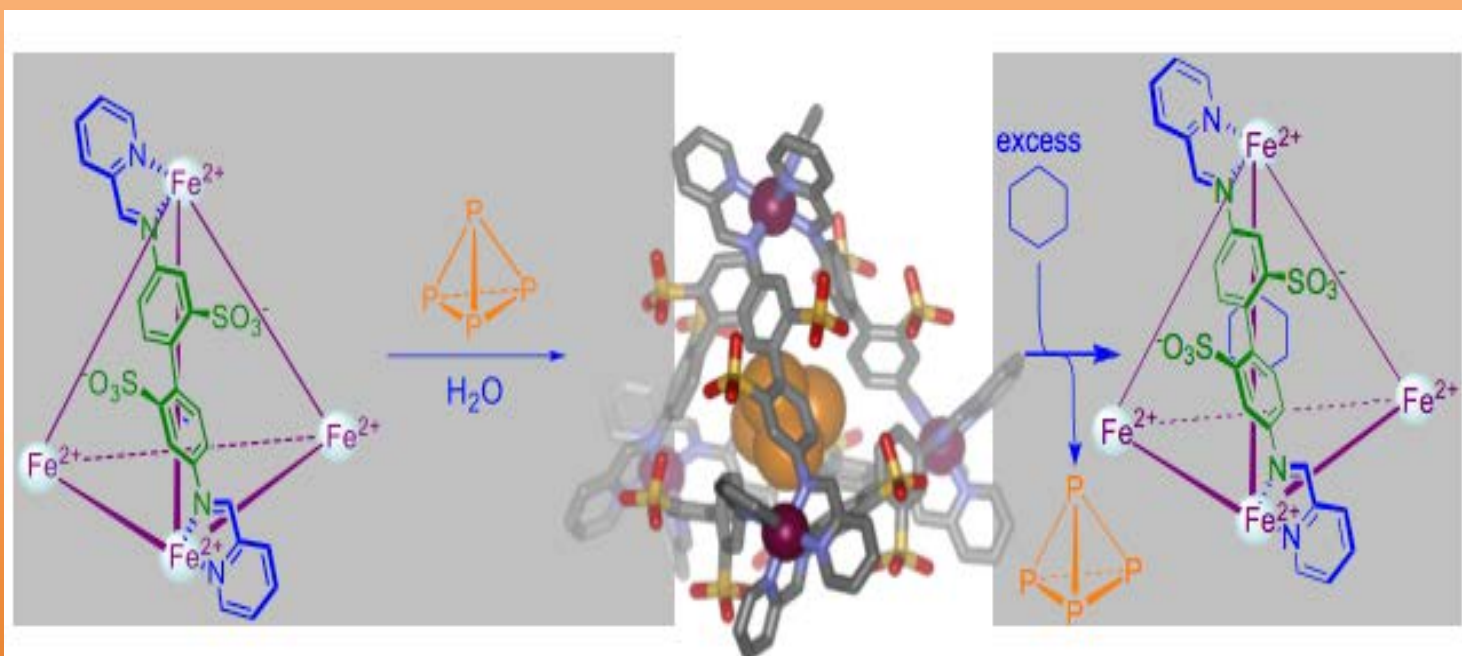
Advantages of Mobile Facilities

- No movement of ammunition
- Rapid on-site deployment
- Single unit can cover multiple sites
- Limited licencing requirements
- Sites own manpower to provide labour
- Limited infrastructure required
- Client retains control of scrap
- Simple to operate and maintain

The Future

- Expand capability based on core elements – burner and filtration systems
 - Pyrotechnics
 - Incorporate cryogenic freezing/fracturing module
 - White Phosphorous using chemical separation process*
 - Propellants
 - Scrap separator
 - Hydro abrasive cutting and flushing
 - Car bottom furnace for washed out shells

White Phosphorous



Conversion to usable commodity

Questions?

