



Technologies

# Design, Engineering, Supply and Installation

## Air Division Capabilities



An ALS Group Company

# Introduction

MARC Technologies was established in 1999 – a merged entity from pre-existing specialist Mine Site Laboratory and Air Handling Solutions providers. In 2009 MARC was acquired by ALS Limited, one of the largest and most diversified global participants in the Testing, Inspection and Certification (TIC) sector with over 350 locations in 55 countries and on six continents with a workforce of over 12,000.

The company focuses on providing “Innovative and Specialised Engineered products and services” in both the dust and fume control and laboratory and sampling markets. This innovative approach creates a loyal client base that provides repetitive business on a project to project basis. Over the years, MARC has become recognised as a leader in the field of laboratory design and supply.

## Air Division Capabilities

MARC Technologies Air division has the capability of developing a tailor-made proposal for our clientele based on an engineered and accurately costed solution to our clientele’s expressed requirements.

The MARC Air Division is well known for its successful Design, Engineering, Supply, Installation and commissioning of:

- Dust collection systems:
  - Reverse pulse cartridge dust collectors
  - Bag houses
  - Shaker-type dust collectors
  - Insertable dust collectors
- Dust Suppression Systems:
  - Fogging systems (for transfer points, tunnels, etc.)
  - Mist systems (for ROM bins, trucks, etc.)
  - Deluge/spray systems (for trucks, sheds, etc)
- Ventilation systems:
  - Shed ventilation for fume dilution
  - Room/building ventilation for human occupancy
  - Positive/Negative Pressurization
- Centrifugal and Axial Fans:
  - Designed and manufactured by MARC
- Material conveying systems:
  - Lean phase and dense phase conveying
  - Use of blowers, venturi, eductors and mini pots
- Fume scrubbing systems:
  - Venturi type wet scrubbers
  - Packed bed scrubbers
  - Orifice and tower scrubbers

## Our Facilities

MARC Technologies manufacturing and assembly capability comprises equipment to profile cut 25mm plate on its 6m x 3m high definition plasma, bend 8mm x 3200mm long plate on its 200 Tonne NC Press brake, Cut 8mm x 3200mm stainless steel on its NC guillotine and roll 8mm x 3200mm long on its NC Hydraulic Plate rollers.



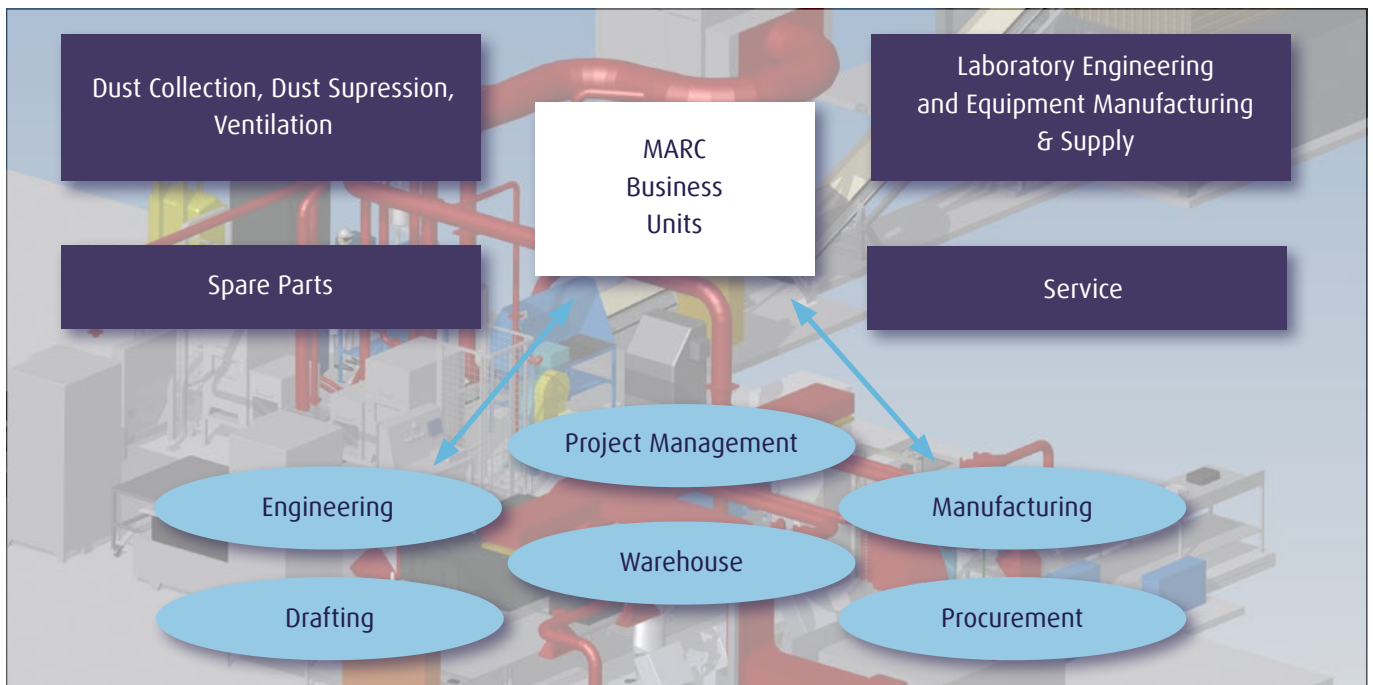
# Our Team

The MARC team comprises professionals in the following disciplines:

- Engineering Design and Drafting
- Project Management
- Sales
  - Laboratory
  - Dust Collection & Fan
  - Service and Spares
- Service
  - General
  - Retrofits, Upgrades & Modifications
  - Installation & Commissioning
  - Training & Spare Parts
- Production
- Mechatronic Engineers

# Company Structure

MARC Technologies has four independent business units. Our business units leverage the resources of our other departments to meet and exceed client requirements.



# Our Commitment to YOU

**Professionally engineered proposals with supporting data** MARC Technologies aim is to supply both product and service to meet the operational and serviceability criteria required by our clientele. We believe our tender price reflects the commercial, technical and financial expectations set out by our clientele. MARC Technologies will deliver on these expectations.

**Best value option** Enabling our clientele to balance their financial constraints whilst achieving maximum output from the manufacturing areas. Carrying out maintenance on the dust collection units during full and uninterrupted operation is a key element in our approach to minimising expensive downtime. To further assist with project rationalisation, MARC Technologies will work openly with our clientele during the project design phase to ensure the final system is consistent with our clientele's short, medium and long term goals.

**Always on time** Commissioned and operational on time is essential to minimise on site disruption to production requirements and ultimately our clientele's profitability.

**Reliability, longevity and environmental compliance** are three givens from a client expectation viewpoint. MARC Technologies will address key operational and maintenance drivers with our clientele during detailed design. We appreciate the key issues such as filter bag life, valve condition, change out procedures, duct abrasion and equipment corrosion can all have a significant effect upon reliability and longevity and will engineer the system to maximise output. Environmental compliance is essential to all stakeholders and we guarantee the dust collection units offered will conform to present emission control legislation.



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### Distributors for:

- Camfil Dust Collectors.
- DSI No Dust Fog Systems
- Nordfab Modular Ducting

