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Lichfield Fittings, Valves and Actuators RoHS, WEEE and ELV Compliance

The European parliament and the Council of the European Union have enacted the following environmental directives:

- Directive 2002/96/EC & 2003/108/EC:
Waste Electrical and Electronic Equipment (WEEE)
- Directive 2002/95/EC and amendment 2005/618/EC:
Restriction of Hazardous Substances in Electrical and Electronic products (RoHS)
- Directive 2000/53/EC:
End of Life Vehicle (ELV)

All Norgren products fall outside the scope of the WEEE directive. However to enable and encourage end users to reduce the environmental impact of product disposal at the end of life, Norgren can supply information on the materials used and how to dismantle these products.

The RoHS & ELV Directives are primarily aimed at consumer products from the Electrical and Electronics Industries. However they also affect industries such as medical, control systems, truck and passenger vehicles. Norgren supplies to all these industries and whilst the Directives do not apply directly to Norgren products some customers integrate Norgren components into products affected by these Directives.

For Norgren products produced at Lichfield the effect of these Directives is to limit the amounts of Lead, Mercury, Hexavalent Chromium, Cadmium, PBB (poly-brominated biphenyls and PBDE poly-brominated diphenyl ethers) present.

Norgren has verified that all of its materials, processes and those of its suppliers are compliant with the Directives wherever possible.

We the undersigned confirm to the best of our knowledge and understanding that the attached list indicates the products that do and do not contain substances listed in the directives.

A handwritten signature in blue ink, appearing to read 'A Topping'.

A Topping
Engineering Manager
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A handwritten signature in blue ink, appearing to read 'P Rafferty'.

P Rafferty
Quality Manager
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Products that do not contain substances listed in the RoHS / ELV Directives

Fittings Products:

Pneufit C
Pneufit M
Pneufit 10 and 12 series including cartridges.
Compression 34 and 36 series
Fleetfit 944,954,974 and 984 series and CVF AI range.
Copper, Weldfit, PU and PA tube.
Metal and braided hose assemblies.
Blocking fitting 102 series, Function fittings 10K and 10T series.
SO series Stainless steel fittings
24 series Push on Fittings
43 series Fittings
15,16,29 and 30 series BSP hose fittings
NVC, 60, 61 and 62 series ball valves
23 series quick release couplings

Valves Products:

M/1700, M/20000, S/666, M/21, M/1553, S/1340, M/1340, M/1328, M/1338, M/728,
M/738, M/139, M/649, M/800, S/534 series.
Super X, 03 and X3 series
VM10, VM15 and VE products (not with Fieldbus)
V08, V09, V10 and V14 ranges.
V20, V22 range (not with Fieldbus)
V18 Dump valve
04 series Impulse Generator
04 Series Pressure Switch.
V05 Relief Valve

Actuators Products:

M/900 Actuators and common parts
M/1000 Actuators and common parts
M/6000 and M/7000 series
M/1525 and M/1540 all strokes
M/3000 Impact Cylinder range

Products that do contain substances listed in the RoHS / ELV Directives

Some products are not currently RoHS compliant especially electronic products where some key components are not available "lead free". At present this list includes:

Series BU60000 Bundy tube
All VE2 Fieldbus systems
All VM10 and VM15 and VE10 Fieldbus products
Pressure gauges

This list was correct on 15/11/07. Please consult Norgren Technical Support for current position.

