

Equipment and Technologies

Chemistries

- Alkylation
- Asymmetric synthesis
- Balz-Schiemann Fluorination
- Biocatalysis
- Carbonylation / Formylation
- Diazotisation
- Diborane reduction
- Grignard reaction
- Halogenation
- Hydrogenation
- Low temperature capability to (-85°C)
- Organometallic chemistry
- Ozonolysis
- Oxidation & reduction technologies
- Phosgenation
- Photohalogenation
- Suzuki- & Heck-type coupling
- Thiophosgenation



Raw Materials

- Ammonia
- Alkyl lithiums
- Bromine
- Carbon disulphide
- Carbon monoxide
- Chlorine
- Chlorosulphonic acid
- Dichloroethane
- Dichloromethane
- Diethyl ether
- Dimethyl sulphate
- Ethylene oxide
- Hydrogen chloride
- Hydrogen cyanide
- Hydrogen sulphide
- Mercaptans
- Metal hydrides
- Nitric Acid (70% and 98%)
- Nitromethane
- Phosphorus oxychloride
- Sulphur trioxide





Production Capacity

- 4 Production Buildings
- 370m³ of multipurpose batch reactor capacity
- Hastelloy, glass-lined and stainless steel MOC
- -30 to +150°C routinely with specialised capabilities from -85 to +180°C
- Full vacuum to 8 bar

Number of vessels

Vessel size (m ³)	20	7 - 10	4 - 6	2 - 3.5	0.1 - 1.5
Glass-lined	3	10	16	7	7
Stainless steel	-	-	1	-	-
Hastelloy	2	6	2	1	3
Total	5	16	19	8	10



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