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Düsseldorf 20/09 – 23/09/16

| 1 | Glass production/Production Technology |
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| 1.1 | Raw material for glass production |
| 1.2 | Auxiliary and operating materials |
| 1.2.1 | Refractories |
| 1.2.2 | Industrial gases |
| 1.2.3 | Lubricants and coolants |
| 1.2.4 | Laboratory equipment |
| 1.3 | Preparation of raw materials and batches |
| 1.3.1 | Crushing and grading |
| 1.3.2 | Drying technology |
| 1.3.3 1.3.4 | Metering and weighing technology Mixing technology |
| 1.3.4 | Pelletising technology |
| 1.3.6 | Cullet preparation |
| 1.3.7 | Refuse collection and glass recycling |
| 1.3.7 | Raw material technology and prewarming cullet technology |
| 1.3.8 | Colour sorting (cullet) |
| 1.3.9 | Ventilation systems |
| 1.3.10 | Batch calculation and assessment of glass properties |
| 1.4 | Glass melting technology |
| 1.4.1 | Batch charging technology |
| 1.4.2 | Forehearth technology |
| 1.4.3 | Melting technology for tank furnaces |
| 1.4.4 | Melting technology for pot furnaces |
| 1.4.5 1.4.6 | Gas equipment and supply systems Regenerative systems |
| 1.4.7 | Recuperative systems |
| 1.4.8 | Electrically heated systems |
| 1.4.9 | Combustion technology |
| 1.4.9.1 | Combustion technology for oil and gas fired melting |
| | furnaces |
| 1.4.9.2 | Combustion technology for oxy-fired systems |
| 1.4.10 | Feeder colouring |
| 1.5 | Forming for flat glass |
| 1.5.1 | Float glass technique |
| 1.5.2 | Glass drawing technique |
| 1.5.3 | Casting and rolling technology |
| 1.6 | Forming for hollow glass |
| 1.6.1 | Gob feeder |
| 1.6.2 1.6.3 | Ball gatherer Suction feeder |
| 1.6.4 | Platinum feeder |
| 1.6.5 | Shear blades |
| 1.6.6 | Blowing machines |
| 1.6.7 | Press machines |
| 1.6.8 | Press-blow-machines |
| 1.6.9 | Spinning machines |
| 1.6.10 | Injection machines |
| 1.6.11 | Ampoule and laboratory glass machines |
| 1.6.12 | Bottle and glass container machines |
| 1.6.13 | Moulds for glass production |
| 1.6.14 1.6.15 | Flash welding and fire polishing machines Dosing systems |
| 1.6.15 | Glass mould spray systems |
| 1.6.17 | Gob control software |
| 1.6.18 | Aids for the forming of hollow glass |
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| 1.7 | Equipment for glass tube production | | | |
| 1.8 | Equipment for glass fibre production | | | |
| 1.8.1 | Glass wool technology | | | |
| 1.8.2 | Rock wool technology | | | |
| 1.8.3 | Textile glass fibre technology | | | |
| 1.9 | Kiln technology | | | |
| 1.9.1 | Transport systems | | | |
| 1.9.2 1.9.3 | Stacker systems Annealing lehrs, continuous/intermittent operation | | | |
| 1.9.5 | Decorating lehrs | | | |
| 1.9.5 | Pre-heating furnaces | | | |
| 1.9.6 | Fusing Kilns | | | |
| 1.10 | Cold end technology for float glass, laminated glass, wired glass and other types of flat glass | | | |
| 1.10.1 | Optimization of glass cutting and glass production yield | | | |
| 1.10.2 | Cullet transportation | | | |
| 1.10.3 | Inspection systems | | | |
| 1.10.4 | Paper applying machines | | | |
| 1.10.5 | Separator applying machines | | | |
| 1.10.6 | Stacking machines | | | |
| 1.11 | Suppliers for the glass machinery industry | | | |
| 1.11.1 | Components and accessories | | | |
| 1.11.2 | (suppliers to the glass machinery industry) Software | | | |
| 1.12 | Coating technology for hollow glass | | | |
| 1.12.1 | Hot end coating | | | |
| 1.12.2 | Cold end coating | | | |
| 1.12.3 | Strengthening coating | | | |
| 1.13 | Conveying, transport, packing and warehouse technology | | | |
| 1.13.1 | Feeding and stacking systems | | | |
| 1.13.2 | Transport and handling systems | | | |
| 1.13.3 | Conveying, sorting and storage facilities | | | |
| 1.13.4 Packing lines - boxes, shrinking, hoop-casing machinery | | | | |
| 1.13.5 | Warehouse technology | | | |
| 1.13.6 | Glass racks for transport and warehouse | | | |
| 1.13.7 | Vehicles for glass transport | | | |
| 1.13.8 | Construction and glazing equipment | | | |
| 1.13.9 | Parts for conveying, transport, packing and | | | |
| | warehouse technology | | | |
| 1.14 | Photovoltaic production/Production Technologies | | | |
| 1.14.1 | Wafer production | | | |
| 1.14.1.1 | Etching (wet/dry) | | | |
| 1.14.1.2 | Edge isolation (wet/laser) | | | |
| 1.14.1.3 | Coating systems | | | |
| 1.14.1.4 | Metallisation | | | |
| 1.14.1.5 | Printing machines | | | |
| 1.14.1.6 | Other technologies for cell production | | | |
| 1.14.2 1.14.2.1 | Panel production Laminators | | | |
| 1.14.2.1 | Coating/sputtering systems | | | |
| 1.14.2.2 | Structuring | | | |
| 1.14.2.3 | Tempering furnaces | | | |
| 1.14.2.5 | Edge deletion | | | |
| 1.14.2.6 | Contacting | | | |
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| 1.14.2.7 | Foil handling | | | |
|---|---|--|--|--|
| 1.14.2.8 | Laminating | | | |
| 1.14.2.9 | Butyl edge application and other encapsulation methods | | | |
| 1.14.2.10 | Panel sorting and packaging | | | |
| 1.14.2.11 | Other technologies for panel production (thin-film) | | | |
| 1.14.2.12 | Coating material, sputtering targets | | | |
| 1.14.2.13 | Distribution bars and soldering material | | | |
| 1.14.3 | Sealants and foils (PVB) | | | |
| 1.14.4 | Other materials | | | |
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| 2 | Glass processing and finishing | | | |
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| 2.1 | Cutting, breaking and snapping technology | | | |
| 2.1.1 | Cutting technology | | | |
| 2.1.1.1 | Cutting technology for float glass | | | |
| 2.1.1.2 | Cutting technology for laminated safety glass (LSG) | | | |
| 2.1.1.3 | Cutting technology for technical glass | | | |
| 2.1.2 | Glass saws | | | |
| 2.1.3 | Devices for coating removal | | | |
| 2.1.4 | Snapping technology flat glass | | | |
| 2.1.4.1 | Mechanical snapping devices | | | |
| 2.1.4.2 | Thermal snapping devices | | | |
| 2.1.5 | Crack-off technology hollow glass | | | |
| 2.1.5.1 | Mechanical crack-off devices | | | |
| 2.1.5.2 | Thermal crack-off devices | | | |
| 2.1.6 | Rim polishing machines | | | |
| | | | | |
| 2.2 | Drilling technology | | | |
| 2.3 | Edge and surface finishing technology | | | |
| 2.3.1 | Grinding techniques for flat glass | | | |
| | | | | |
| 2211 | Grinding techniques for straight edges | | | |
| 2.3.1.1 | Grinding techniques for straight edges | | | |
| 2.3.1.2 | Grinding techniques for shaped glass | | | |
| 2.3.1.2 2.3.1.3 | Grinding techniques for shaped glass Grinding techniques for moulded glass | | | |
| 2.3.1.2 2.3.1.3 2.3.2 | Grinding techniques for shaped glass Grinding techniques for moulded glass Grinding techniques for hollow glass/moulded glass | | | |
| 2.3.1.2 2.3.1.3 2.3.2 2.3.2.1 | Grinding techniques for shaped glass Grinding techniques for moulded glass Grinding techniques for hollow glass/moulded glass Decorative grinding technology | | | |
| 2.3.1.2 2.3.1.3 2.3.2 2.3.2.1 2.3.2.2 | Grinding techniques for shaped glass Grinding techniques for moulded glass Grinding techniques for hollow glass/moulded glass Decorative grinding technology Surface grinding technology | | | |
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| 2.6 | Coating technology |
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| 2.6.1 | Vacuum coating equipment |
| 2.6.2 | Enameling machines, thermal printing equipment |
| 2.6.3 | Mirror coating equipment |
| 2.6.4 | Metallizing machines |
| 2.6.5 | Dryers and enameling furnaces |
| 2.6.6 | UV-Absorption - Coating (pyrolytic) |
| 2.6.7 | IR-Reflective Coating (pyrolytic) |
| 2.6.8 | Sputtering targets for flat glass coating |
| 2.6.9 | Mirror coating products |
| 2.6.10 | Highly opaque special colours and conductive silver |
| | pastes for automotive glasses |
| 2.6.11 | Highly opaque special colours and conductive silver pastes for PV glasses |
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| 2.7 | Electronic display glass technology |
| 2.7.1 | Machines and equipment for the production of |
| 2.7.2 | display glass Components and accessories for display glass |
| 2.1.2 | technology |
| | technology |
| 2.8 | Insulation glass technology |
| 2.8.1 | Plants for insulating glass production |
| 2.8.1.1 | Plants for triple glazing |
| 2.8.1.2 | Plants for quadruple glazing |
| 2.8.2 | Production equipment for spacers |
| 2.8.3 | Production equipment for insulating glass frames |
| 2.8.4 | Edge deletion equipment |
| 2.8.5 | Gas filling machines and gas devices |
| 2.8.6 | Sealing techniques |
| 2.8.7 | Production equipment for vacuum insulating glass |
| | |
| 2.9 | Safety glass technology |
| 2.9 | Safety glass technology Pre-tempering technology |
| 2.9.1 | Pre-tempering technology |
| 2.9.1 2.9.1.1 | Pre-tempering technology Furnaces for thermal pre-tempering of glass |
| 2.9.1 | Pre-tempering technology Furnaces for thermal pre-tempering of glass Furnaces for chemical pre-tempering of glass |
| 2.9.1 2.9.1.1 2.9.1.2 | Pre-tempering technology Furnaces for thermal pre-tempering of glass Furnaces for chemical pre-tempering of glass Laminated glass technology |
| 2.9.1 2.9.1.1 2.9.1.2 2.9.2 | Pre-tempering technology Furnaces for thermal pre-tempering of glass Furnaces for chemical pre-tempering of glass Laminated glass technology Laminated glass technology with foil for architectural glass |
| 2.9.1 2.9.1.1 2.9.1.2 2.9.2 | Pre-tempering technology Furnaces for thermal pre-tempering of glass Furnaces for chemical pre-tempering of glass Laminated glass technology Laminated glass technology with foil for architectural glass |
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| 2.11.8.4 | Chemical rust prevention agents | | | |
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| 2.11.8.5 | Chemical protection material for glass | | | |
| 2.11.8.6 | Chemical cleaning agents | | | |
| 2.11.8.7 | Other chemicals | | | |
| 2.12 | Environmental protection/Recycling | | | |
| 2.12.1 | Recycling/treatment of waste glass | | | |
| 2.12.1.1 | Recording and collection | | | |
| 2.12.1.2 | Transport | | | |
| 2.12.1.3 | Crushing | | | |
| 2.12.1.4 | Sorting | | | |
| 2.12.2 | Glass Melting / Waste gas technologies | | | |
| 2.12.2.1 | Filter technologies (flue gas and electrostatic) | | | |
| 2.12.2.2 | NOx reduction technology, emission reduction technology | | | |
| 2.12.3 | Heat recovery installations | | | |
| 2.12.4 2.12.4.1 | Waste water treatment | | | |
| 2.12.4.1 | Processing of water cooling for cullet treatment Wastewater treatment and cleaning lines | | | |
| 2.12.5 | Treatment of auxiliary materials | | | |
| 2.12.6 | Special glass recycling | | | |
| 2.12.6.1 | Lamps/Lights | | | |
| 2.12.6.2 | Electrical and optical glass | | | |
| 2.12.6.3 | Technical glass | | | |
| 2.12.6.4 | Solar glass and modules | | | |
| 2.12.6.5 | Window disposal | | | |
| 2.13 | Nanotechnology | | | |
| 2115 | nunoteennotogy | | | |
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| 3 | Glass products and applications | | | |
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| 3.1 | Flat glass Float and mirror glass | | | |
| 3.1.1 | Float and mirror glass | | | |
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| 3.1.1 3.1.2 3.1.3 3.1.4 3.1.5 3.1.6 3.1.7 3.1.8 3.1.9 3.1.10 3.1.11 3.1.12 3.1.13 3.1.14 3.1.15 3.1.16 3.1.17 3.1.18 3.2 3.2.1 3.2.2 3.2.2.1 3.2.2.2 3.2.2.4 3.2.2.4 | Float and mirror glass Drawing glass Blown glass Cast glass, ornamental glass Thin glass Horticultural glass Wired glass Figured glass/Profiled architectural glass Antique and coloured glass Flashed glass Flashed glass Decorative colored glass Glass jewellery Glass facets Cross out glass for melting/Fusing glass Glass for restoration work X-ray protection glass Window pictures Processed glass Tempered glass Laminated glass (LSG) Laminated glass (other) Insulating glass Function glasses | | | |
| 3.1.1 3.1.2 3.1.3 3.1.4 3.1.5 3.1.6 3.1.7 3.1.8 3.1.9 3.1.10 3.1.11 3.1.12 3.1.13 3.1.14 3.1.15 3.1.16 3.1.17 3.1.18 3.2 3.2.1 3.2.2 3.2.2.1 3.2.2.2 3.2.2.4 3.2.4 3.2.4.1 | Float and mirror glass Drawing glass Blown glass Cast glass, ornamental glass Thin glass Horticultural glass Wired glass Figured glass/Profiled architectural glass Antique and coloured glass Flashed glass Flashed glass Decorative colored glass Glass jewellery Glass facets Cross out glass for melting/Fusing glass Glass for restoration work X-ray protection glass Window pictures Processed glass Tempered glass Laminated glass (LSG) Laminated glass (LSG) Laminated glass (other) Insulating glass Function glasses Fireproof glass | | | |

| 3.2.5 3.2.6 3.2.6.1 3.2.6.2 3.2.6.3 3.2.7 3.2.8 3.2.9 | Alarm glass Display glass LED/OLED technology LCD glass technology Touch screen display glass Other coated types of glass Antireflective glass/frosted glass Curved glass |
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| 3.2.10 3.2.11 | Printed glass Optical glass |
| 3.2.12 | Self-cleaning glass |
| 3.2.13 | Solar glass |
| 3.2.13.1 3.2.13.2 | Solar Float glass Solar Rolled glass |
| 3.2.14 | Vacuum insulating glass |
| 3.2.15 | Aluminium silicate glass |
| 3.2.16 | Processed flat glass (general) |
| 3.3 | Automotive glass |
| 3.3.1 | Vehicle glass |
| 3.3.1.1 | Sealants and adhesives |
| 3.3.1.2 3.3.1.3 | Stone-chip repair Foils (PVB) |
| 3.3.1.3.1 | Polymer foils for smart glass |
| 3.3.1.3.2 | Other foils |
| 3.3.1.4 | Nano coating technology |
| 3.3.2 | Materials Bonding technology |
| 3.3.3 3.3.4 | Bonding technology Tools |
| 3.3.5 | Trade |
| 3.4 | Solar technology |
| 3.4.1 | Photovoltaics |
| 3.4.1.1 | Solar panels |
| 3.4.1.1.1 | Crystalline PV panels |
| 3.4.1.1.2 3.4.1.1.3 | Thin film PV panels Organic Photovoltaics |
| 3.4.1.1.3 | Multi functional PV panels and elements |
| 3.4.1.2 | PV system components |
| 3.4.2 | Solar thermal energy |
| 3.4.2.1 | Solar mirrors / CSP |
| 3.4.2.2 3.4.3 | Solar thermal system components Solar architecture and building integrated |
| 5.4.5 | photovoltaics (BIPV) |
| 3.4.4 | Other accessories and services |
| 3.5 | Other glasses |
| 3.5.1 | Paving blocks, roof tiles |
| 3.5.2 | Glass spheres and stones |
| 3.5.3 | Quartz glass |
| 3.5.4 3.5.5 | Pellets |
| 3.5.6 | Foam glass Laboratory glass |
| 3.5.7 | Glass bricks |
| 3.5.8 | Other types of special glass |
| 3.6 | Glass and mineral fibres |
| 3.6.1 | Glass and mineral fibres (general) |
| 3.6.2 | Glass fibres made of optical glass |
| 3.7 | Processed flat glass |
| 3.7.1 | Balustrade panels |
| 3.7.1.1 | Balcony glazing |
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| 3.7.1.2 | Spandrel panels (general) | | | | | |
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| 3.7.2 | Transparent glass facade systems | | | | | |
| 3.7.2.1 | Mullion-transom systems | | | | | |
| 3.7.2.1. | | | | | | |
| 3.7.2.1. | | | | | | |
| 3.7.2.1. | • | | | | | |
| | materials | | | | | |
| 3.7.2.2 | Element facades made of glass | | | | | |
| 3.7.2.3 | Structural-sealant-glazing facades | | | | | |
| 3.7.2.4 | Double facades | | | | | |
| 3.7.2.5 | Other transparent facade systems | | | | | |
| 3.7.2.6 | Transparent insulation | | | | | |
| 3.7.3 | Ventilated curtain walls | | | | | |
| 3.7.4 Technologies for multifunctional facades | | | | | | |
| 3.7.4.1 Photovoltaic systems | | | | | | |
| 3.7.4.2 | Solar thermal system | | | | | |
| 3.7.4.3 | Systems for sun and glare protection | | | | | |
| 3.7.4.4 Heat insulation | | | | | | |
| 3.7.4.5 Fire protection | | | | | | |
| 3.7.4.6 Soundproofing | | | | | | |
| 3.7.4.7 | Other facade technologies | | | | | |
| 3.7.5 | Exterior wall cladding | | | | | |
| 3.7.6 | Glass roofs and porches | | | | | |
| 3.7.6.1 | Aluminium glass roofs | | | | | |
| 3.7.6.2 | Glass roofs and porches (general) | | | | | |
| 3.7.7 | Elevator glazings | | | | | |
| 3.7.8 | Window constructions | | | | | |
| 3.7.8.1 | Windows and window systems with aluminium/ | | | | | |
| | metal frames | | | | | |
| 3.7.8.2 | Windows and window systems with concrete frames | | | | | |
| 3.7.8.3 | Windows and window systems with wooden frames | | | | | |
| 3.7.8.4 | Windows and window systems with plastic frames | | | | | |
| 3.7.8.5 | Windows made from figured glass | | | | | |
| 3.7.8.6 | Windows and window systems with steel frames | | | | | |
| 3.7.9 | Muntin bar windows | | | | | |
| 3.8 | Structural use of glass | | | | | |
| 3.8.1 | Structural use of glass | | | | | |
| 3.8.2 | Tempered glass doors | | | | | |
| 3.8.2 Tempered glass doors 3.8.3 Safety Doors | | | | | | |
| 51015 | Survey Bools | | | | | |
| 3.9 | Extrusions | | | | | |
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| 3.10 | Technical processing, treatment, finishing design. | | | | | |
| 3.10.1 | Glazing, glass building | | | | | |
| 3.10.1. | 1 Construction with glass, specialist glazing systems | | | | | |
| 3.10.1. | | | | | | |
| 3.10.1.1 | • | | | | | |
| 3.10.1.1 | | | | | | |
| 3.10.1.1 | 1.4 Walk-on glazing | | | | | |
| 3.10.1.1 | | | | | | |
| 3.10.1.1 | | | | | | |
| 3.10.1.1 | | | | | | |
| 3.10.1.2 | | | | | | |
| 3.10.1.3 | | | | | | |
| 3.10.1.4 | | | | | | |
| 3.10.2 | Windows and glass façades | | | | | |
| 3.10.2.1 | 3 | | | | | |
| 3.10.2.2 | | | | | | |
| | Concervatories/Winter gardens | | | | | |
| 3.10.2.3 | | | | | | |
| 3.10.2.3 3.10.2.4 | 4 Functional fittings and brackets | | | | | |
| 3.10.2.3 3.10.2.4 3.10.3 | 4 Functional fittings and brackets Glass finishing | | | | | |
| 3.10.2.3 3.10.2.4 | Functional fittings and brackets Glass finishing | | | | | |

| 3.10.3.1.1 | Grinding technology |
|--------------------------|--|
| 3.10.3.1.2 | |
| 3.10.3.1.3 | |
| 3.10.3.2 | Surface Finishing Technology/Print |
| 3.10.3.2.1 | |
| 3.10.3.2.2 | |
| 3.10.3.2.3 | |
| 3.10.3.2.4 | |
| 3.10.3.2.5 | |
| 3.10.3.2.6 | 5 |
| 3.10.3.3 | Glass painting/glass art |
| 3.10.3.3.1 | |
| 3.10.3.3.2 | 5 55 |
| 3.10.3.3.3 | |
| 3.10.3.3.4 3.10.3.3.5 | • |
| 3.10.3.3.6 | |
| | Precious metal preparations |
| 3.10.3.3.8 | |
| 3.10.3.3.9 | |
| 5.10.5.5.5 | creative glass products (glass art) |
| 3.11 | locking systems (for windows/doors/gates) |
| 3.11.1 | Mechanical locking systems |
| 3.11.1.1 | Security fixtures and fittings |
| 3.11.1.2 | Security locks |
| 3.11.1.3 | Panic fitting and locks |
| 3.11.2 | Electrical and electronic safety and security |
| | technology |
| 3.11.3 | Integration into building technology |
| 3.12 | Interior design and decoration |
| 3.12.1 | Glass furniture |
| 3.12.2 | Parting walls in glass |
| 3.12.3 | Panelling and countertops |
| 3.12.4 | Glass stairs |
| 3.12.5 | Showers and bathrooms |
| 3.12.6 | Glass sinks |
| 3.12.7 | Mirrors |
| | |
| 3.13 | LED technology |
| 3.13.1 | LED fixture technology |
| 3.13.2 | LED display technology |
| 2 1 / | Lamas |
| 3.14 3.14.1 | Lamps Energy saving lamps |
| 3.14.2 | Tube lamp technology |
| 3.14.2 | Tube tamp technology |
| | |
| 4 | Tools, replacement and spare parts, |
| | aucillary equipment and fittings |
| | |
| 4.1 | Glazing tools |
| 4.1.1 | Mechanical tools Electromechanical tools |
| 4.1.2 4.1.3 | |
| 4.1.5 | Tools and smelting equipment for glass makers Turning aids and lifting tools for glass makers |
| 4.1.4 | furning and and triting tools for glass makers |
| 4.2 | Cutting, grinding and drilling tools |
| | |
| 4.3 | Handling tools, hand-guided |
| 4.4 | Spare and wearing parts |
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| 4.5 | Protection devices |

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| 4.6 | Working clothing | | | | |
|--------------|--|--|--|--|--|
| 4.7 | Cable and hose drag chains | | | | |
| 4.8 | Lifting and working platforms | | | | |
| 4.9 | Brackets for glass applications | | | | |
| 4.10 | Adhesive technology | | | | |
| 5 | Measurement, testing, control technology and software | | | | |
| 5.1 5.1.1 | Measurement and control technology, sensoring Measurement and control | | | | |
| 5.1.1 | Measurement and control of glass level | | | | |
| 5.1.1.2 | Measurement and control of viscosity | | | | |
| 5.1.1.3 | Measurement and control of radiation in the melt | | | | |
| 5.1.1.4 | Measurement and control of glass thickness | | | | |
| 5.1.1.5 | Measurement and control of glass temperature | | | | |
| 5.1.1.6 | Measurement and control of glass tension | | | | |
| 5.1.1.7 | Measurement and control of glass colour | | | | |
| 5.1.2 | Inspection technology | | | | |
| 5.1.2.1 | Inspection of surface, contour and imperfection | | | | |
| 5.1.2.2 | Measurement, control and inspection of gas mixture | | | | |
| 5.1.2.3 | Measurement, control and inspection of gas-filling levels | | | | |
| 5.1.2.4 | Video inspection glass furnace | | | | |
| 5.1.3 | Measuring devices to be used on site | | | | |
| 5.1.4 | Detectors for laminated glass | | | | |
| 5.1.5 | Control and automation technology | | | | |
| 5.2 | Regulation technology | | | | |
| 5.2.1 | MRP machine and transport adjustment | | | | |
| 5.2.2 | CNC control for handling machines | | | | |
| 5.2.3 | Electronically controlled machine cooling | | | | |
| 5.2.4 | Controls for glass inspection machines | | | | |
| 5.3 | Host computer systems, IT, Communication and Security Technology | | | | |
| 5.3.1 | MRP/CAD/CIM systems | | | | |
| 5.3.2 | Inspection, protocolling and diagnostic systems | | | | |
| 5.3.3 | Process control systems | | | | |
| 5.3.4 | Other control systems | | | | |
| | | | | | |
| 5.4 | Software and applications for architects and planners | | | | |
| 5.5 | Measuring and testing technology/Software | | | | |
| 5.5.1 | Single cell and string testers, module testers, test | | | | |
| | chambers | | | | |
| 5.5.2 | Visual inspection systems | | | | |
| 5.5.3 | Process control | | | | |
| 5.5.4 | Software | | | | |
| 5.6 | Motorized Technology | | | | |
| 5.7 | Hydraulics / Pneumatics | | | | |
| 6 | Contracting, consulting, engineering, services | | | | |

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| 7 | Research and teaching, trade lite trade associations and organisat | erature, ions |
| 7.1 | Universities and colleges | |
| 7.2 | Specialised Publishers | |
| 7.3 | Tade assosiations/Organisations | |
| 7.4 | Test institutes | |
| 7.5 | Reseach institutes and projects | |
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