

GROUP 10 – DRIER

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| | REG#:C0046 DESC:Drier (general) |
| | REG#:X8083 DESC:Drying oven, drying chamber, shelf drier |
| | REG#:X8040 DESC:Turbo drier, disc drier, moving shelf drier |
| | REG#:X8041 DESC:Fluidized bed drier |
| | REG#:X8042 DESC:Spray drier |
| | REG#:X8043 DESC:Belt drier, roller-conveyer type driver |
| | REG#:X8044 DESC:Rotary drum drier, rotary drier, tumbling drier |
| | REG#:C0016 DESC:Heat consumer |

GROUP 11 – CRUSHING/GRINDING MACHINES

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| | REG#:X8084 DESC:Crushing/grinding machine (general) |
| | REG#:X8085 DESC:Crusher (general) |
| | REG#:X8045 DESC:Crusher, hammer type |
| | REG#:X8046 DESC:Crusher, impact type |
| | REG#:X8047 DESC:Crusher, jaw type |
| | REG#:X8048 DESC:Crusher, roller type |
| | REG#:X8049 DESC:Crusher, cone type |
| | REG#:X8086 DESC:Mill, pulverizer (general) |
| | REG#:X8050 DESC:Mill, pulverizer hammer type |
| | REG#:X8051 DESC:Mill, impact type |
| | REG#:X8053 DESC:Mill, horizontal rotation roller type |
| | REG#:X8054 DESC:Mill, vibration type |

**GROUP 14 – SHAPING MACHINES
PROCESSING IN HORIZONTAL DIRECTION**

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|--|--|
| | REG#:XC0053 DESC:Shaping machine, horizontal type (general) |
| | REG#:X8058 DESC:Extruder, screw type |
| | REG#:X8059 DESC:Extruder, piston type |

**GROUP 13 – SHAPING MACHINES
PROCESSING IN VERTICAL DIRECTION**

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|--|---|
| | REG#:C0052 DESC:Shaping machine, vertical type (general) |
| | REG#:X8055 DESC:Press, roller type |
| | REG#:X8056 DESC:Press, piston type |
| | REG#:X8057 DESC:Press, pelletizing disc |

GROUP 12 – MIXERS, KNEADERS

| | |
|--|---|
| | REG#:X2672 DESC:In-line rotary mixer |
| | REG#:X2673 DESC:In-line static mixer |
| | REG#:X8184 DESC:Mixing path |
| | REG#:X8134 DESC:Kneader |

GROUP 16 – COMPRESSORS, VACUUM PUMPS

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|--|--|
| | REG#:2302 DESC:Compressor, vacuum pump (general) |
| | REG#:X8179 DESC:Compressor, centrifugal type |
| | REG#:X8097 DESC:Compressor, vacuum pump, reciprocating piston type |
| | REG#:X8099 DESC:Compressor, vacuum pump diaphragm type |
| | REG#:X8102 DESC:Compressor, vacuum pump, turbo type |
| | REG#:X8104 DESC:Compressor, vacuum pump, roller vane type |
| | REG#:X8105 DESC:Compressor rotary type, vacuum pump, rotary piston type |
| | REG#:X8161 DESC:Compressor, screw type |
| | REG#:X8162 DESC:Compressor, vacuum pump liquid ring type |
| | REG#:X8163 DESC:Compressor, ejector type, vacuum pump jet type |

GROUP 17 – BLOWERS, FANS

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|--|--|
| | REG#:X8164 DESC:Blower, fan (general) |
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GROUP 15 – LIQUID PUMPS

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|--|---|
| | REG#:2301 DESC:Pump, liquid type (general) |
| | REG#:2322 DESC:Pump, centrifugal type |
| | REG#:8091 DESC:Pump, gear type |
| | REG#:8092 DESC:Pump, screw type |
| | REG#:8093 DESC:Pump, progressive cavity type |
| | REG#:X8094 DESC:Pump, reciprocating piston type |
| | REG#:X8095 DESC:Pump, diaphragm type |
| | REG#:X8096 DESC:Jet pump, liquid type ejector pump |

LEGEND

- ① Graphical symbol
- ② Registration number
 - nnn ISO 14617 graphical symbol
 - Cnnn ISO 14617 graphical symbol (prelim.)
 - X2nnn ISO 14617 symbol example
 - X8nnn ISO 10628-2 symbol example
- ③ ISO 10628-2 description
- ④ Preferred connection locations

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