

ELEVATOR BELT QUESTIONNAIRE

Date : Completed by : Company name : End-user : Elevator reference number : Project name :

ELEVATOR BELT CURRENTLY INSTALLED

Total belt length : **m**Tensile strength : **N/mm**Pulley side cover thickness : **mm**Cover/Belt quality : Carcass material : ☐ **Textile** ☐ **Steel**Belt width : **mm**Number of plies/cords : Bucket side cover thickness : **mm**Belt thickness : **mm**Cable free zones : ☐ **Yes** ☐ **No**

ELEVATOR DETAILS

Capacity : **t/h**Bucket weight : **kg**Bucket pitch : **mm**Bucket volume : **litre**Bucket width : **mm**Number of bucket rows : Number of holes per bucket : Additional weight per bucket : **kg**Hole diameter : **mm**Total number of buckets : Elevator height : **m**Belt speed : **m/s**Drive pulley diameter : **mm**Tail pulley diameter : **mm**Drive pulley lagging : ☐ **None** ☐ **Rubber** ☐ **Ceramic**☐ **Other:** Tensioning system type : ☐ **Screw system/fixed** ☐ **Gravity take-up**☐ **Hydraulic** ☐ **Spring loaded**Available take-up length : **mm**Take-up weight : **kg**Installed motor power : **kW**Start-up condition : ☐ **Direct drive** ☐ **Hydraulic coupling**☐ **Electronic soft-start**

MATERIALS CARRIED

Type of material : ³⁷ _____

Properties : ³⁸ ☐ Oil ☐ Sharp ☐ Acidic ☐ Other: _____

Density : ³⁹ _____ t/m³ Lump size : ⁴⁰ _____ mm

Material temperature : ⁴¹ _____ °C / _____ °C
(average/maximum)

OPERATING CONDITIONS

Condition inside shaft : ⁴² ☐ Dry ☐ Humid ☐ Wet Minimum ambient temperature : ⁴⁴ _____ °C

Temperature inside shaft : ⁴³ _____ °C / _____ °C Is the elevator ventilated? : ⁴⁵ ☐ Yes ☐ No
(average/maximum)

CONFIGURATIONS

Hole pattern sketch ⁴⁶

Please provide a sketch of the hole pattern for buckets and fastener (if applicable), with basic dimensions.

