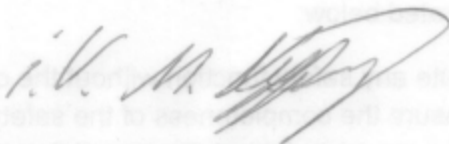


- Performance Level PL d
- Safety Integrity Level SIL 2 (according to DIN EN ISO 13849-1:2008-12 table 4)

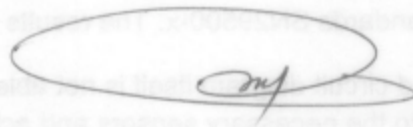
In addition to the functional safety measures applied to the control system and allocated to the technical components, there are organizational and technical measures, which have to be taken to protect eyes and body regardless of the control system. Those are: Limit of the power of the laser to maximum 500W; Wearing protective glasses against laser beam reflections; Housing the laser in a closed and safe cabin, with protection doors and laser protective glass as well as safety related optical indication of laser power supply switch-off, whereupon the size of the cabin has to avoid that humans can be inside while protected doors are closed; Use of a pilot light to indicate an active laser; Execution of periodical training and tests in order to guarantee the correct function of the procedures and equipment; ...

Thank you for your order and we appreciate future cooperation.

Kind regards
DEKRA EXAM GmbH



Dipl.-Ing. BA Marc Kipping



B. Ing. Oussama Cherichi