

# Limab Panel

## Laser Length Measurement Panel

OSS was engaged to build this laser length measurement panel and control box to the client's design.

The system employs a laser to measure the length of steel slab moving at high speed during manufacture considering the temperature and contraction of metal upon cooling. The panel engineering and layout was provided by us and testing and inspection carried out with client in attendance.



At this project, our teams carried out  
The following MCC works:

- Management, organisation, administration, and supervision in connection with the delivery of the product;
- Engineering of panels to ensure the best design developed with client input.
- Design of panel layout.
- Procurement of non-free issued equipment.
- Panel built in our workshop and packed by external company for export to Luxembourg. The panel required CE marking for export within EU.
- All aspects of the build were carried out in compliance with appropriate current British/EN Standards.

**How Did We Stand Out?** We built a CE marked control panel to specific customer requirements, to comply with all legal requirements and to conform to relevant industry standards, including BS EN 61439. In addition, we used our in-house design and manufacture capabilities to deliver a solution that is fitted for purpose and of good quality and value.

**Customer Services Challenges:** We worked closely with the client and their software engineer to develop the design and engineering solutions to design challenges, e.g., the model of stepper motor drive needed to be changed and this involved manufacturing a different bracket.



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