Welding near load cells







Installations should be planned by a qualified structural engineer.

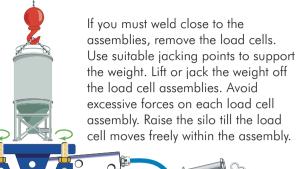
Each installation is unique, and this document is a general guideline. It should be used in conjunction with standards relevant to the application. Should you require advice on your weighing application, our application engineers will be pleased to advise you on the best solution.

Bolt the load cell assembly in position. Never weld load cell assemblies. To avoid damage to a load cell, when welding on a vessel or silo, take the following precautions.

Inspect the system carefully. Understand all the electrical connections. Ensure that all sensitive equipment is switched off, and disconnected. Protect the load cells and wiring from: heat, mechanical overload, high voltage, high grounding currents, and molten splatter.

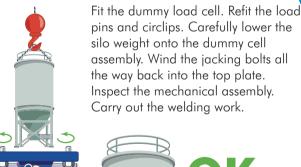


We recommend you remove the load cell and fit dummy load cells for all welding work.



Wind down all the Safemount jacking bolts. Ensure the top plate is safely supported on the assembly base. Remove the circlips and load pins. Remove the live load cell.



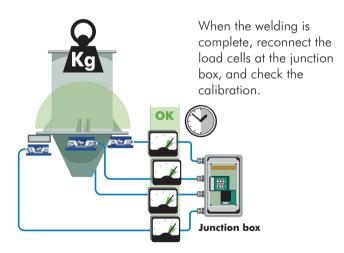




When it is not possible to remove load cells:-



Protect the load cell assembly from splatter, overheating, and mechanical overload.



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