

To whom it may concern,

CCG range of QuickStopEx 'Direct injection resin' Barrier cable Glands

Aker faced difficulties involving Cable Gland sizing as well as installation issues during assembly of upstream units we are building for our clients QCLNG and QGC. Problems revolved around gland miss-sizing and use of the putty style of sealer. These issues forced reworks and gland change-outs, as well as considerable expenses in delays alone. We consulted CCG regarding our problems, and they pointed out they had just released their QuickStopEx Ex Injection Resin Barrier glands and suggested we try them as a substitute. These glands proved to be the solution to our problem.

The QuickStop Ex glands provided faster installation on the cable due to the 'captive components' design (this design extends across the CCG range and is a key factor in our selection of them) while the benefits syringe style direct injection of the resin proved to be many when compared to sachet systems:

1. The mixing taking place as the two parts pass thru the nozzle ensures a far more accurate mix of the components, taking some of the onus off the operator.
2. The actual gland filling time is dramatically reduced
3. Mess and spillage is dramatically reduced
4. The nozzle is replaceable, so the entire contents of the syringe can be dispensed as required simply by adding a new nozzle – once a sachet is mixed any unused portion is wasted

The CCG QuickStopex does not require any specialised refrigeration storage requirements, is impervious to temperature variations upon installation and there were no expiry dates to be concerned with.

On the evidence of current LNG projects we will continue our faith in the CCG QuickStopex range of barrier glands, as we do on the conventional range of CCG glands.

Lastly, but to me most importantly the response and support that CCG have displayed can only be described as 'best in class'

Regards



Robert Mitchell
Electrical Department