



Shell Global Solutions

Schneider Electric B.V.
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4 May 2004

Our ref: OGEE

Dear Sir,

As the result of finalising the open action items of the approval letter 20 April 2000 please be advised that the following Schneider Electric switchgear has been included in our 'Electrical Equipment Suppliers List'.

Category -- 'HV up to 36 kV , Distribution - Gas Insulated Switchboard (GIS)'.

- GM6 - Switchgear - Manufactured in Italy.

The switchgear complies with the requirements of DEP 33.67.51.31-Gen (July 1998), High Voltage Switchgear and Control gear Assemblies (Amendments/Supplements to IEC 298), WITH THE ATTACHED LIST OF APPROVED DEVIATIONS.

You must send a copy of the attached list of deviations with your future quotations for Shell companies.

You are obliged to notify us in case of changes to the design of the above-mentioned equipment. We will inform you whether a re-validation will be required. Failure to report design changes may result in deletion of your product(s) from our list. Although the manufacturing location mentioned above is Italy, our contact will be through Schneider Electric in The Netherlands.

Yours faithfully,
Shell Global Solutions International B.V.

Henk F.J. Kommers
Senior Electrical Engineer

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DEVIATIONS/COMMENTS on DEP 33.67.51.31-Gen. (July 1998) – High Voltage Switchgear and Control gear Assemblies (Amendments/Supplements to IEC 298),

Supplier : Schneider Electric BV.

Equipment : GM6.

ITEM	CATEGORY	REMARKS
5.2	Comment	Circuit breaker: the CB mounted on GM6 uses the SF6 as switching medium
5.3	Deviation	Cable earthing is achieved by a dedicated earthing switch with making capacity located inside each panel. Busbar earthing is achieved by the earthing switch with making capacity of the BB VTs panel. A suitable key exchange box to be provided
5.3	Deviation	The voltage indicators device for the busbar is installed on the busbar VT cubicle
5.4.2	Non standard	Secondary wiring will be protected by plastic channel or flexible sheath.
5.101.1	Deviation	Degree of protection between compartments: Standard value is IP2XC. This is equivalent to IP3X in term of operator protection according to IEC 529
5.110	Deviation	Voltage transformer....shall be connected via an isolator device : the busbar VT's are connected by an isolator device. Incoming VT's are connected by cable through a disconnectable plug-in connection, special attention shall be given to the proper fixation/support of this cable.
	Additional comments	As a standard an electrical interlock arrangement shall be provided to inhibit the application of circuit earth switch on circuits fed from transformers and on interconnectors

Approved by OGEE – The Hague
04 May 2004

Henk F.J.Kommers

