

QUALITY CONTROL PLAN

PR/MAR #: ISD 2259	Tender #: PAK/ISD/2259
PR/MAR Description: Purchase of 31 generators of 9KVA for mobile vans	

Essential Specifications and Testing Requirements

1. List of Items ([Generator Set 9 KVA, complete in all respect](#))
2. List of Parameters ([Please see below](#))

Generator 9 KVA

Parameter	Target Value	Margin of Error (Absolute or Relative) ¹	Testing Method (Lab Test, Visual, Certificate...)	Performed / Reviewed by:
Specification Check	100% of the required quantity	+ - 5%	Documents and Physical Check of the following specifications: 9 KVA with 8 KVA output single phase, petrol engine 630 HP OHV air cooled 4 strokes single cylinder, self-start, noise level 72 DB or low, output voltage 220 V AC, continues operating hours 6.5 hours, displacement 640-690 cm3, RPM 3000-3600, semi canopy, outlets 2X220 30 A AC Socket and 1 X 12 V 8.3 A DC socket with dimensions (length 20.5" X height 23.5" X width 27") Dry weight 155-162	Operations Team and Originator Department
Performance check	100% Of the required quantity	+ - 5%	Electricity output testing	Operations Team and Originator Department
Visual and dimension check	100% Of the required quantity	+ - 5%	Physical look and measurements testing	Operations Team and Originator Department
General Check	100% Of the required quantity	+ - 5%	Installation & fixing in the Van, vibration and noise testing	Operations Team and Originator Department

¹ A relative margin of error will be indicated as a percent (example: +-5%); an absolute margin of error will be indicated as a value (example: +- 5cm)

Contract Testing Requirements

- 100% of the generator will be tested.
- The vendor will be responsible in case of any item not matching the criteria and will replace the item without any additional cost within the agreed timeframe.

Percent of Generator to be tested - Sampling size- (%)	Frequency	Percent of tested sampling that needs to fail for the entire order to be considered non-conforming (%)
100%	Per Purchase Order (PO)	10%

See “**Quality Control Inspection Form**” examples in Wiki (or DL)

Non-Conformance

What to do in cases of non-conformance to agreed quality standards: -

- If more than 10% of the 100% (31 generators) quantity is non-compliant with the specs, the whole shipment shall be returned, and delay penalties will be enforced, if applicable.
- If less than 10% of the 100% (31 generators) quantity is non-compliant with the specs, the contractor/vendor should provide replacement to MC with quantities equal to the percentage of non-compliant items sample.
- Payment will only be processed after goods acceptance, passing of Quality Control Testing and acceptance of correct invoice.