



CORPORATE PURCHASE SPECIFICATION

AA 544 07

Rev. No. 01

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CARBON DIOXIDE GAS – Gr.: 1

1.0 GENERAL

This specification governs the quality requirements of Carbon dioxide gas, grade 1.

2.0 APPLICATION

Used for welding.

3.0 COMPLIANCE WITH NATIONAL STANDARDS

The material shall comply with the requirements of the following national standard and also meet the requirements of this specification.

IS : 307 – 1966, Gr.: 1 | Carbon dioxide

4.0 TEST SAMPLES

One cylinder from each consignment shall be taken for testing and approval.

5.0 PROPERTIES

When tested as per the test methods shown against each, the gas shall show the following properties:

5.1 Carbon Dioxide (Appendix A-2 of IS:307 or Gas chromatograph):

99.7%, min. by volume.

5.2 Moisture (Appendix A-6 of IS:307 or Dew point):

0.001%, max. by volume.

6.0 TEST CERTIFICATES

Three copies of test certificates shall be supplied alongwith each consignment, giving the following information:

In addition, the supplier shall ensure to enclose one copy of the test certificate alongwith the despatch documents to facilitate quick clearance of the material.

Revisions :

CI 32.11.29 of MOM of MRC-CPO

APPROVED :

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