



Kanex Fire Solutions Limited

Plot No.7, Paras Industrial estate, N.r Garibsha Pir,
Bhavnagar, Sihor-364240.

Doc No: FM-QAC-005

Rev No: 02

Date: 01.03.2024

Month of Manufacturing : July - 2026

TC NO : G200 / 15 / 26

INTERNAL INSPECTION REPORT

Type and Capacity : CO2 Gas Cartridges of Capacity 200 grams.

Batch No. : KFG / 15 / 26

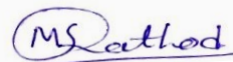
Batch Size: 100 Nos.

Serial Nos : 1401 to 1500

Date of Inspection : 06 / 07 / 2026

Sr.No	Tests and Inspection	Requirements	Sampling	Observation
1	Construction requirements of Body	As per IS 4947	each	Pass
2	Materials of Construction	As per IS 4947	each	Pass
3	CO2 Gas	Purity as per IS 15222	each	Pass
4	Filling tolerance	+10	each	Pass
5	Size ,Design & Construction	One sample shall be tested for thickness for the center of the formed end.	each	Pass
6	Outlet Connections	Non-ferrous metals	each	Pass
7	Sealing Device	No discharge of content up to h 75° C temperature rise	One	Pass
8	Threads	As per IS 4947	each	Pass
9	Filling Ratio	Not to exceed 0.667	All	Pass
10	Anti corrosive treatment	Phosphating followed by Epoxy polyester powder coating of DFT not less than 50 μ	All	Pass(65 - 95μ)
11	Hydro Pressure test	Test pressure 250 bar	All	Pass
12	Ultimate Fialure test	The bursting shall not occur till 650 bar hydraulic pressure	one	Pass
13	Leakage Test	There shall be no leakage	All	Pass
14	Finish	As per IS 5- PO Red Shade 538	All	Pass
15	Marking	As per IS 4947	All	Pass

Remarks: This is to certify that the Gas Cartridges for use in fire extinguishers is as mentioned below have been inspected in factory and these meets the requirements of IS 4947:2006.



Executive
(Production & QC)



Manager
(Production & QC)