



भारत सरकार
Govt. of India
श्रम एवं रोजगार मंत्रालय
Ministry of Labour & Employment
खान सुरक्षा महाविदेशालय
Directorate-General of Mines Safety



Tel.- 0326-2221000
Fax-0326-2221027

No. S 66021/01/2013-Genl/

Dhanbad, dated,

2015.

From
The Director General of Mines Safety,
Dhanbad – 826 001.

To
M/s. Detcon Incorporated
4055, Technology Forest Blvd.
The Woodlands, Texas, 77381
United States of America

Sub: Approval of Hydrogen Sulphide Gas Detector model DM700 manufactured by M/s Detcon Incorporated, U.S.A. for use in Zone 1 & Zone 2 of oil mines for Gas Group II B + H₂.

Dear Sir,

Please refer to your letter No. Nil dated 03.12.2012 on the above subject.

In view of the satisfactory field trial reports and test reports from Electronics Regional Test Laboratory (East) vide Report Nos. ERTL(E)/TES/S600/0068/08-12 dated 27.08.2012, ERTL(E)/TES/S600/0025/10-12 dated 02.11.2012 and ERTL(E)/TES/S600/0069/08-12 dated 07.11.2012, I, by virtue of the powers conferred on me under Sub-regulation (1) of Regulation 73 and Sub-regulation (2) of Regulation 75 of the Oil Mines Regulations, 1984, hereby approve the use of Hydrogen Sulphide Gas Detector model DM700 for Gas Group II B + H₂ in Zone 1 & Zone 2 of oil mines manufactured by you subject to the following conditions:-

1. (a) The Hydrogen Sulphide Gas Detector model DM700 in oil mines shall be identical in construction to those tested at Electronics Regional Test Laboratory (East), Kolkata referred above.
 - (b) DGMS Approval No. **SA-01/2015** shall be marked on every Hydrogen Sulphide Gas Detector model DM700 (copy of the DGMS Mark is enclosed.)
 - (c) No change in the design or construction including the materials etc. shall be made unless an approval for the same is obtained from this Directorate in writing.
 - (d) Any replacement of part required for maintenance of the equipment which is directly or indirectly connected to the FLP/IS features thereof shall be supplied by the manufacturer as and when required.
 - (e) It shall be ensured while using/installing that the detector is not subjected to any mechanical stress and it shall not be used in ambient temperature outside the range of (-) 20°C to (+) 50°C.
2. An officer of this Directorate may, at any time draw sample(s) from the suppliers or from the users and get it tested at the cost of manufacturer. If the test report is not satisfactory, this approval shall be deemed to be suspended.
 3. Every customer shall be provided at the time of delivery of each of the equipments referred to above with:
 - (i) An instruction manual on the maintenance, handling, installation and operation of the equipment and a copy of this approval letter from this Directorate.

4. This approval shall remain valid for a period of five years from the date of issue of this letter.
5. The product shall be tested at test houses prescribed in Para 6.8 of the Approval Policy, 2015 whenever standard of the testing regime changes and the approval is revalidated from this Directorate under new/revised testing standard (s).
6. (a) To ensure proper quality of the product supplied to the users, routine quality control tests shall be carried out and records thereof kept maintained. A certificate to this effect shall also be furnished with each consignment. Moreover, the tests for acceptability of the equipment as may be considered necessary shall also be carried out at the laboratory or test house agreed to between the users and the suppliers.
(b) Any complaint from the consumer about the quality of the gas detector shall be promptly attended to and also be brought to the notice of this Directorate immediately.
(c) A statement of the supplies made to mines along with their addresses at the time of renewal of approval, if intended, for obtaining performance report in enclosed format shall be submitted to this Directorate.
(d) The manufacturer and their authorized representative M/s Spectron Safety Systems Pvt. Ltd., Mumbai shall jointly ensure provision of the following amenities, under intimation to this office, to cover all the mines where the instrument has been supplied:
 - i. adequate arrangement for after sales services and maintenance of the instrument,
 - ii. adequate facilities for training on use and care of the instrument and
 - iii. prompt supply of spares.
7. Please note that the above approval is also subject to the following additional conditions:-
 - (a) If at any time any of the conditions subject to which this approval has been granted is violated or not complied with, this approval shall be deemed to have been revoked with immediate effect.
 - (b) This approval is being accorded without prejudice to any other provisions of any statute, which may be or may become applicable at any time.
 - (c) This approval may be amended or withdrawn at any time if considered necessary in the interest of safety.

Yours faithfully,

Sd/-

(Rahul Guha)

Director General of Mines Safety

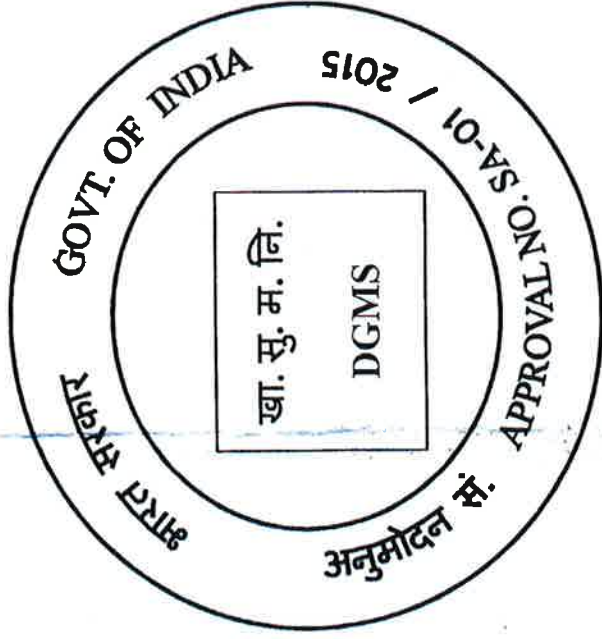
Memo No. S 66021/01/2013-Gen/ **P-74** /Dhanbad, dated **15/06/2015**

✓ Copy forwarded for information & necessary action to M/s Spectron Safety System Pvt. Ltd, 129, Andheri Industrial Estate, Off. Veera Desai Road, Andheri (W), Mumbai – 400 053.

(Rahul Guha)

Director General of Mines Safety

सुरक्षा उपकरण एवं सामग्री का अनुमोदन चिन्ह
Approval Mark for Safety Equipment & Material



**DIRECTORATE GENERAL OF MINES SAFETY
MINISTRY OF LABOUR
GOVT. OF INDIA**

PROFORMA FOR PERFORMANCE REPORT (General Items)

1. DETAILS OF THE EQUIPMENT/APPARATUS/ PRODUCT
 - (a) Name & Model -
 - (b) Manufactured by
 - (c) Reference of DGMS approval letter
 - (d) Date of validity.
2. Name of Mine & organization :
3. Degree of Gassiness (for Coal Mines) /
Gass Group (for Oil Mines) :-
4. Full Address of Mine:
5. Name of Mineral:
6. Name of worker to whom the equipment/apparatus was issued :
(wherever applicable)
- 6A. Nature of work performed:
7. Location where the product/equipment/apparatus was placed:
8. Period for which the equipment/apparatus was used: From _____ To _____
9. Condition of the equipment/apparatus after use :
10. Pitworthiness.
11. General comments (Satisfactory/Unsatisfactory) :

Signature (Name)
(Agent)/ Head of Discipline in Company
Mine:
Mobile No/Contact No
Date:

Office seal

Signature (Name)
(Manager)
Mine:
Mobile No/Contact No.
Date:

Office seal

BY SPEED POST



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Directorate-General of Mines Safety



Tel.- 0326-2221013
Fax-0326-2221027

सं० S 66021/01/2013-सामान्य/ 1375 /धनबाद, दिनांक 18/06/2015
सेवा में,

मैसर्स स्पेक्ट्रॉन सेफ्टी सिस्टम प्राईवेट लिमिटेड,
129, अन्धेरी इन्डस्ट्रीयल इस्टेट,
ऑफ वीरा देसाई रोड, अंधेरी (पश्चिम),
मुम्बई - 400 053

विषय: मैसर्स डेटकॉन इनकॉर्पोरेटेड, यू.एस.ए. द्वारा निर्मित हाईड्रोजन सल्फाईड गैस डिटेक्टर मोडल संख्या डी. एम. 700 जो जोन 1 एवं जोन 2 ऑयल माइन्स के गैस ग्रुप IIB + H₂ के लिए उपयोगार्थ होते हैं, का प्रथम अनुमोदन (एस.ए.-01/2015)।

महोदय,

कृपया उपरोक्त विषय पर अपना दिनांक 03.12.2014 का पत्र सं० शून्य को संदर्भित करें।

इससे संबंधित दिनांक 15.06.2015 का प्रथम अनुमोदन (एस.ए.-01/2015)का पत्र संख्या S-66021/01/2013-Genl/ P- 73 संलग्न है।

अनुलग्नक: यथोक्त ।

भव दी य,


खान सुरक्षा निदेशक(एम.एस.ई.)
कृते खान सुरक्षा महानिदेशक