Date: 06.02.2016

Shri Rakesh Agarwal,
Joint Director, APIO
Oil Industry Safety Directorate
8th Floor, OIDB Bhawan
Plot No 2, Sector-73
Noida - 201301 (UP)
Phone: 2593818, Fax: 2593802

SUB : INFORMATION UNDER THE RIGHT TO INFORMATION ACT 2005

REF : Global Notice Inviting proposal for approval of equivalent rim seal fire detection and extinguishing system for class ‘A’ external floating roof tanks due on 19.11.2012

Dear Sir,

With reference to above subject and as per the RTI Act, we would like to know the following information against above referred EOI of Oil Industry Safety Directorate (OISD)

(A) INFORMATION SOUGHT:

3. Kindly provide name of the vendor along with product details which has been accepted by OISD as equivalent system for hollow metallic rim seal system.

4. If yes, then kindly confirm point-wise whether it is meeting the below mentioned minimum performance criteria requirements as finalized for selection of equivalent rim seal system:

   m) Extinguishing media - foam based system

   n) Heat Detection System shall be of linear type.
o) The system must detect fire in Rim Seal area immediately but not later than 10 seconds and extinguish the fire within 40 seconds.

p) The extinguishing foam must apply in the seal area @ 18 LPM per square meter in a uniform manner in maximum 40 seconds.

q) Histogram of data e.g. pressure, temperature, foam level etc. must be available in PLC / DCS / other system for past period of 30 days in the Control Room.

r) The system must be robust viz., it should not be affected by environmental conditions like low I high ambient temperature, dust, external corrosion, rain etc.

s) The detection system should be site configurable type.

t) Minimum Guaranteed life of detection and suppression system should be indicated.

u) Detection system should have UL listing or VDS/FM/LPC approval.

v) Various sub-systems of the Rim seal fire detection and suppression system must have necessary statutory approval as per the law of the land.

w) System availability should be 100%.

x) Un-interrupted Power supply (UPS) must be ensured.

(B) I affixed rupees 10 court fee stamp and rupees 190 for documentary evidence or enclosed Rs. 200 postal order. I agree to pay extra cost if any to get the information as per Act.

Yours sincerely,

DHARMENDRA GAUTAM
Mr Dharmendra Gautam,
Sai Kripal & Company,
756 / 48 Rajnagar 2 Extension
Palam Colony
New Delhi-110077.
Fax: 011 25366580


Sir,

This has reference to RTI application no. nil dated 06.02.2016 which was received in our office on 18.02.2016, the requisite information pertaining to the Global Notice Inviting proposal for approval of equivalent rim seal fire detection and extinguishing system for class 'A' external floating roof tanks due on 19.11.2012 under RTI Act, 2005.

Question 3:
Kindly provide name of the vendor along with product details which has been accepted by OISD as equivalent system for hollow metallic rim seal system.

Reply:

The system using “two wire based detection technology with automatic actuation of foam as suppression” can be considered as equivalent for hollow metallic rim seal system. The system is not vendor specific.

Question 4:
If yes, then kindly confirm point wise whether it is meeting the below mentioned minimum performance criteria requirements as finalized for selection of equivalent rim seal system;

(m) Extinguishing - foam based system
(n) Heat Detection system shall be of linear type.
(o) The system must detect fire in Rim Seal area immediately but not later than 10 seconds and extinguish the fire within 40 seconds.
(p) The extinguishing foam must apply in the seal area @ 18 LPM per square meter in a uniform manner in maximum 40 seconds.
(q) Histogram of data e.g. pressure, temperature, foam level etc. must be available in PLC/DCS/other system for past period of 30 days in the Control Room.
(r) The system must be robust viz. it should not be affected by environmental conditions like low / high ambient temperature, dust, external corrosion, rain etc.
(s) The detection system should be site configurable type.
(t) Minimum Guaranteed life of detection and suppression system should be indicated.
(u) Detection system should have UL listing or VDS/FM/LPC approval.
(v) Various sub-systems of the Rim seal fire detection and suppression system must have necessary statutory approval as per the law of the land.
(w) System availability should be 100%.
(x) Uninterrupted Power supply (UPS) must be ensured.

Reply (m to x): All the parameters were evaluated for minimum performance criteria.

(Rakesh Agrawal)
Joint Director (MO) & APIO