

10. Condition of pressure plants

a) Vessel

Satisfactory.

b) Piping

Satisfactory

11. Condition of fittings and appliances-

a) Pressure gauges

Working condition

b) Safety valve

Working condition

c) Stop Valve

Working condition

d) Reducing Valve (give reasons if not necessary)

e) Additional safety valve (required in case reducing valve is necessary)

f) Other devices (please specify particularly in case of jacketed vessels)

12. Safe working pressure recommended after examination (specify the Allowances made for conditions of working such as heat, corrosion etc.)

Not exceed the pressure of 3 Kg/cm².

13. a) Repairs (if any) required

Not now, only preventive maintenance is recommended.

b) Period within which the repairs should be executed

c) Any other condition which the person making the examination thinks if necessary for securing

Check the pipe line pressure gauge and safety valve periodically.

14. Specify reduced working pressure pending repairs

15. Safe working pressure calculated as per methods given in sub rule 8 for thin walled pressure vessel or plant.

16. Other Observations

The equipment is in good condition.

I/we certify that on 18-6-2020, the Pressure Vessel or Plant described above was thoroughly cleaned and (so far its construction permits) made accessible for thorough examination and for such tests as were necessary for thorough examination and that the above is a true report of my examination. The validity of this certificate is for one year from the date of inspection.

ER. G.S. Kamath BSc
(Engg)
Chief Executive
Mastec Engineers

Er. S. Madhusoodhanan (B.Tech,
MIE, FIV) Chartered Engineer,
Senior Mechanical Engineer &
Executive Officer
Mastec Engineers

Er. K.Narayana Kurup, (B.Tech,
(Mech),MIE, FIV) Signature &
Name of the Competent Person
(Approved Competent Person for
inspection, testing of Pressure
Vessels/ Plant and Lifting Tackles)

Date: 20-6-2020

Number & date of the Competency Certificate Registration No. 27/I/M/DF&B, Date :11-10-2019.
Issued by : Govt. OF KERALA (Dept : of Factories & Boilers). Valid from 05-11-2019 to 04-11-2020.

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REPORT OF EXAMINATION OR TEST OF PRESSURE VESSELS OR PLANT

Registration Number: EKM/03/485/06

Licence Number :

NIC Code Number : 15495

(As given in the licence)

1. Occupier (or owner) of premises : The Director
2. Address : **M/S Symega Food Ingredients Ltd
Synthite Taste Park, Pancode,
Near Kolenchery-682310**
3. Name , description and distinctive number of Pressure Vessel or Plant : S.S vertical jacketed roaster with stirrer Sl. No. 192 capacity 650 liters. Working pressure of 3 Kg/cm² at a temperature of 200°C Model PSTR 250.
4. Name and address of Manufacturer : -----
5. Nature of process (Including temperature and Pressure Parameters) : Steam is supplied to the coil in the jacketed vessel from the boiler for roasting the raw powder at a pressure of 3 Kg/cm² and temperature of 200°C.
6. Particulars of pressure vessel or plant
 - a) Date of construction 2014
 - b) Thickness of Walls -----
 - c) Date on which it was first taken in to use 2014
 - d) Safe working pressure recommended by the manufacturer 3 Kg/cm²
7. Date of
 - a) Last external examination 19-6-2019
 - b) Last internal examination 2014
 - c) Last hydraulic examination 2014
 - d) Last ultra-sonic or other non-destructive test 19-6-2019
8. Whether lagging was removed for purposes of examination N/A
9. Description of examinations carried out and findings
 - a) External examination (give reasons if it is not carried out six monthly) Conducted external examination of the vessel and satisfactory.
 - b) Internal examination (give reasons if it is not carried out annually) - -----
 - c) Hydraulic test (give reasons if this is not carried out at interval of 2 or 4 years) Conducted by the manufacturer at a pressure at 8 Kg/cm².
 - d) Ultrasonic or other non-destructive test -----