

SPECIFICATION OF ROTATORY DRYER FOR CS PLANT

SL NO	SPECIFICATION	Remarks
1	Chemical rotatory dryer should be flame proof & having high heat resistance technology. Drying should be affected with temperature controlled hot air with fume extraction.	
2	Temperature 50+ 20° C (Auto control & Auto Cut)	
3	Drying time 3 hours ± 30 min	
4	Final dried composition after drying process should be totally moisture free.	
5	Having inbuilt automatic lump crushing system	
6	Should have 100% homogeneous blending / mixing system.	
7	Drying chamber should be non- sticky and material which is used in making chamber should have property of non-reactivity with CS chemical.	
8	Automatic racking System. (Timely turning and toppling of composition for even drying)	
9	Smoke sensors for early warning in case of flame/ smoke.	
10	Separate digital control unit & digital display unit for temperature, time and humidity etc.	
11	Drying time should not depend on environmental humidity.	
12	Capacity of material and drying hours: 100 kg / 3 Hrs ±30 Min.	
13	Should be operable with AC 440 V, 50 HZ power supply.	
14	Should be user friendly and corrosion resistance.	
15	After whole drying process, all type of exhaust fumes should be automatically fully neutralized for that dryer should have inbuilt automatic fumes exhaust neutralizing system.	
16	In case of any malfunctioning, system should have facility to switched off automatically.	
17	System should have easy automatic loading and unloading system by control unit.	
18	Catalogue/Specifications sheet of the machine should be enclosed.	
19	Sound and Light indicators for appropriate dried composition.	
20	Provision for in process sample collection.	
21	Composition/ mixture should not come in direct contact of any heating mechanism except temperature controlled hot air.	
22	Three years onsite warranty	
23	Annual Maintenance contract for 5 years after lapsing warranty period.	

Note- All firms are requested to provide the following.

1. Original Brochure of product by OEM.
2. Detail literature about the product.
3. Comprehensive comments for in-corporation in the specifications.

The Sub-group has decided to upload the QRs on MHA and BSF website for 15 days to invite the views/ comments/ suggestions of prospective bidders to make the QRs more broad based.

(Vikas Singh)
Deputy Commandant (Mod)

APP-001/2017-18

SPECIFICATION OF ROTATORY DRYER FOR FILLING SHOP

SL NO	SPECIFICATION	Remarks
1	Chemical rotatory dryer should be flame proof & having high heat resistance technology. Drying should be affected with temperature controlled hot air with fume extraction.	
2	Temperature $40 \pm 10^{\circ}$ C (Auto control & Auto Cut)	
3	Drying time $3 \pm (30 \text{ min})$ hours	
4	Final dried composition after drying process should be totally moisture free.	
5	Having inbuilt automatic lump crushing system	
6	Should have 100% Homogeneous blending / mixing system.	
7	Drying chamber should be non- sticky and material which is used in making chamber should have property of non-reactivity with CS chemical.	
8	Automatic racking System.(Timely turning and toppling of composition for even drying.)	
9	Smoke sensors for early warning in case of flame/ smoke.	
10	Separate digital control unit and digital display unit for temperature, time & humidity etc.	
11	Drying time should not depend on environmental humidity.	
12	Capacity of material and drying hours: $300 \text{ kg} / 3 \text{ Hrs} \pm 30 \text{ Min.}$	
13	Should be user friendly and corrosion resistance.	
14	After whole drying process, all type of exhaust fumes should be automatically fully neutralized for that dryer should have inbuilt automatic fumes exhaust neutralizing system.	
15	In case of any malfunctioning, system should have facility to shut down automatically.	
16	System should have easy automatic loading and unloading system by control unit.	
17	Should be operable with AC 440 V, 50 Hz power supply.	
18	Catalogue/ Specifications sheet of the machine should be enclosed.	
19	Sound and Light indicators for all functions.	
20	Provision for in process sample collection.	
21	Composition/mixture should not come in direct contact of any heating mechanism except temperature controlled hot air.	
22	Three years onsite warranty	
23	Annual Maintenance contract for 5 years after lapsing warranty period.	

Note- All firms are requested to provide the following.

1. Original Brochure of product by OEM.
2. Detail literature about the product.
3. Comprehensive comments for in-incorporation in the specifications.

The Sub-group has decided to upload the QRs on MHA and BSF website for 15 days to invite the views/ comments/ suggestions of prospective bidders to make the QRs more broad based.


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