



# AMULFED DAIRY

A Unit of Gujarat Co-operative Milk Marketing Federation Limited

## PURCHASE ENQUIRY

**AFD: PUR: YKV: ENQ: Fire Ex: 2023**

**22.11.2023**

Dear Sir,

**Subject: Enquiry for ARC for Refilling & AMC for Servicing of Fire Extinguisher & Breathing Apparatus.**

We would like to invite most competitive rates with clear break-up of taxes (if applicable) for annual rate contract for refilling and annual maintenance contract for servicing of fire extinguishers & Breathing Apparatus, as mentioned in the annexure attached herewith, considering following terms and conditions,

- 1) Contract period will be one year for our two units **1) AmulFed Dairy, Near Indira Bridge, Village – Bhat** and **2) Packaging Film Plant, GIDC, Sector 25, – Gandhinagar.**
- 2) Servicing of Fire Extinguisher & Breathing Apparatus will be required by every two month. You should follow the IS 2190 specification for the servicing procedure. You will have to submit the service report to our concern engineer/in-charge at AFD & at PFP within one week of service, and stick the sticker on each cylinder for service date & due date for next service.
- 3) You should carry out refilling work for each Fire Extinguisher and Breathing Apparatus & return it within 7 working days. If you fail to provide refilling of any Fire Extinguisher & BA Set we will get it refilled by other agency and charges will be debited to your account. You will bear (if any) Octroi and Transportation charges considering refilling works.
- 4) You have to keep our fire extinguishers ready for fire fighting. You will arrange for any spares (if required) in consultation to our concern engineer/in-charge at AFD & at PFP, the charges for spares will be paid extra at actual.
- 5) **Kindly submit your rates as per attached annexure only.** Prices offer by you shall be for, 1) AmulFed Dairy, Near Indira Bridge, Village – Bhat & 2) Packaging Film Plant, GIDC, Sector 25, – Gandhinagar. GST would be extra. We will not pay any cylinder/ trolley holding charges.
- 6) **The offer should reach in sealed cover on or before 06.12.2023**, super scribing on the top left-hand corner offer for inquiry no.: AFD: PUR: YKV: ENQ: Fire Ex: 2023. We will not accept the offer after due date. Offer received after due date for whatsoever reason may be rejected.
- 7) Offer should be valid for acceptance for 90 days from due date for submission of offer. Rates mentioned should be valid for one year.
- 8) It is not binding on us to accept lowest offer .AmulFed Dairy reserves the right to cancel any/ all offers without assigning any reason.
- 9) Offer which are incomplete or not meeting the conditions or only for part items, are liable for rejections No queries regarding the status of the offer will be entertained at any time

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- 10) The final supplier will be the combined decision of our technical team and management and no reason of final selection will be conveyed to any bidder
- 11) Payment terms with 30 days credit.
- 12) Any dispute between the contractor and the AmulFed Dairy will be settled by mutual discussion only and the decision of the General Manger of AmulFed Dairy shall be final and binding on both the parties. In case a legal settlement is resorted to as a last refuge, the jurisdiction of such settlement will be Ahmedabad only.
- 13) **For more technical details/ any query please contact 079 23969055 ext 303,261**

Thanking You,

Yours truly,  
For AmulFed Dairy

(Purchase Dept.)

Encl.: Scope and Terms Condition

Rate Sheets AFD and PFP

Annexure I: Rate of Spare (If require, we may purchase)

Annexure II: SOPs for Servicing of different kind of fire extinguishers and SCBA sets

Annexure III: Drawing for fire extinguisher stand

Annexure IV: Safety Requirement of AmulFed Dairy



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## SCOPE and Terms Condition

### Scope of Service:

14) You are to depute one engineer and two firemen for every service at AmulFed Dairy and Packaging Film Plant.

All your team members must have Dangri, Safety Shoes, Safety Helmet, Gloves, Goggles and Ear Plug for their protections; you will be imposed penalty of Rs. 5000 for not following safety norms of AmulFed Dairy for each violation.

For detailed safety requirements and guidelines of AmulFed Dairy, please refer **Annexure IV**

Our industry is a food industry and you are to maintain all material and equipment in neat and clean condition.

You are not allowed to enter any department unless permitted by Dairy representative.

Your team will carry out service of fire extinguishers as per guidelines of IS 2190 requirement by every two months and apply seal to keep all fire extinguisher ready to use, Our engineer/in-charge will communicate any change in schedule to you and accordingly you will provide 6 services during contract period.

For Servicing, your engineer and firemen will clean & check each Fire Extinguisher for its easy operation and proper discharge at all time. You will have to maintain a service report card for the same, under guideline of our concern engineer/in-charge at AFD & at PFP. Guidelines for service as given in IS are to be strictly followed. And work as per attached **Annexure II**.

For Refilling, you will carry out refilling work as per guidelines of IS 2190 & IS 15683. All material used for refilling should be ISI mark and to be confirmed with our engineer/in-charge.

Hydro testing of fire extinguishers to be carried out at interval of every two year in consultation with our engineer/in-charge at AmulFed Dairy and Packaging Film Plant. During hydro testing any abnormality found it is to be immediately reported to our engineer/in-charge immediately and fire extinguishers & BA set taken out must be returned within 15 days after hydro testing and painting and hard copy report.

You are to make permanents arrangement for fire extinguisher identification like embossing / engraving / tagging etc. so as to maintain unique register of fire extinguisher.

After completion of servicing /refilling/hydro testing, you are to submitted field report immediately to our concern engineer/in-charge at AmulFed Dairy and Packaging Film Plant and computerize report/testing certificate within 1 week.

In each service you are check and inspect Fire Extinguisher as per SOPs attached in **Annexure-II**

### Payment Terms:

Payment will be made within 30 days against submission of invoice against satisfactory work completion with certification from our engineer/in-charge at AFD & at PFP.



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## **Other Terms & Conditions:**

You shall make necessary arrangement (like transportation, labour, octroi charges etc.) for the servicing, refilling & hydro test of Fire Extinguishers at your own risk and cost.

You shall replace our original cartridge in our Fire Extinguisher after completion of service. You shall also refill your own cartridge, while you take away our cartridge for service purpose. For DCP & Foam Type Fire Extinguishers you have to bring refill pack to AFD/PFP and refill the Fire Extinguishers. You will have to arrange and supply us spares required for any fire extinguisher during the contract period, the rates per unit are mentioned in attached rate sheet.

AmulFed Dairy reserves the right to terminate the contract without assigning any reason. Decision of General Manager– AmulFed Dairy shall be final and binding to all.

For servicing and maintenance purpose of all fire extinguishers and breathing apparatus located at AFD & PFP you have to deploy team of one fire engineer and two Fireman qualification only and with personal protection equipments like Dangri, Safety Helmet, Safety Shoes, Safety Goggles, Ear Plugs & Hand Gloves etc. No Extra cost will be paid for the same.

You have to carry out Hydro Test of CO2 type Fire Extinguishers and Breathing apparatus cylinder at CCE (Chief Controller of Explosives) approved agency only and test report should be submitted for the same.

Charges for servicing, only cartridge refilling, complete refilling, hydro test with painting and spares will be as mentioned in attached rate sheet which will remain unchanged during the contract period.

During the contract period, if the performance of the contractor is not satisfactory then contract can be terminated after giving two (02) written notices through Registered A.D and in such cases the EMD/ CMD/amount payable may be forfeited. In this regards, no further correspondence would be entertained.

Any dispute between the contractor and the AmulFed Dairy will be settled by mutual discussion only and the decision of the General Manger of AmulFed Dairy shall be final and binding on both the parties. In case a legal settlement is resorted to as a last refuge, the jurisdiction of such settlement will be Ahmedabad only.

We are an ISO 9001:2008, ISO 14001:2004, ISO 22000:2005 and ISO 45001:2018 certified unit. We follow eco-friendly processes, which helps in sustainable & safe up keeping of an environment. We expect you to follow eco-friendly processes in your company such as waste minimization, reduction in air pollution, water pollution & soil contamination etc.

AFD strictly prohibit use of Tobacco in dairy premises in any form. Such acts will be strictly penalized @ Rs. 5000/- per act along with to permanent no entry to the driver, cleaner or any of your workers identified



# AMULFED DAIRY

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## Rate Sheet (AFD)

### For AmulFed Dairy, Near Indira Bridge, Village – Bhat, Dist. Gandhinagar 382 428

Sr.	F-Extinguishers		Qty.	Servicing (Rate in Rs)	Only Cartridge refilling (Rate in Rs)	Complete Refilling (Rate in Rs)	Hydro test with Painting (Rate in Rs)
No.	Type	Capacity					
1	CO 2	2 Kg	4		NA		
2	CO 2	4.5 Kg	304		NA		
3	CO 2	6.8 Kg	21		NA		
4	CO 2	22.5 Kg	1		NA		
5	DCP	2 Kg	2				
6	DCP	5 Kg	30				
7	DCP	25 Kg	2				
8	Clean Agent FE-36	4 kg	2		NA		
9	Clean Agent HFC – NASA Make	2 kg	10		NA		
10	Water Mist	3 ltr	8		NA		
11	Water Mist	6 ltr	6		NA		
12	Water Mist	50 ltr	1		NA		
13	WATER CO 2	9 ltr	5				
14	ABC	1 Kg	2		NA		
15	ABC	2 Kg	3		NA		
16	ABC	4 Kg	174		NA		
17	ABC	5 Kg	66		NA		
18	ABC	6 Kg	70		NA		
19	Modular Type 68 °C (MAP Powder Based Ceiling Mounted )	5 kg	5		NA		
20	Air Cylinder	200 Bar	4		NA		
21	Air Cylinder	300 Bar	2		NA		
22	Breathing Apparatus	200 Bar	5		NA		
23	Breathing Apparatus	300 Bar	6		NA		
24	Breathing Apparatus Cylinder (Carbon Composite)	300 Bar	10		NA		

\* Applicable taxes extra on above rates.

Rate to be given per equipment basis for single service/Job

**Payment for above items for AFD and PFP will be done on actual work only.**



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Rate Sheet (PFP)

## For Packaging Film Plant, Sector 25 , Gandhnagar

Sr.	F-Extinguishers		Qty.	Servicing (Rate in Rs)	Only Cartridge refilling (Rate in Rs)	Complete Refilling (Rate in Rs)	Hydro test with Painting (Rate in Rs)
No.	Type	Capacity					
1	CO2	4.5 kg	37		NA		
2	CO2	2 KG	33		NA		
3	CO2	22.5 KG	13		NA		
4	CO2	45 KG	35		NA		
5	CO2	9 KG	1		NA		
6	DCP	2 KG	1				
7	DCP	5 KG	17				
8	DCP	6 KG	13				
9	M FOAM	45 LTR	4				
10	M FOAM	50 LTR	6				
11	M FOAM	9 LTR	2				
12	MAP 50% (ABC)	6 KG	18		NA		
13	MAP POWDER (ABC)	25 KG	5		NA		
14	Water Mist	50 ltr	1		NA		
15	WCO2	9 LTR	3				
16	Breathing Apparatus	300 Bar	2		NA		

\* Applicable taxes extra on above rates.

Rate to be given per equipment basis for single service/Job

**Payment for above items for AFD and PFP will be done on actual work only.**



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## Annexure I : List of Spare

You have to submit rate of spares which may require during contract. Payment for the same will done on actual basis as per our requirement.

Fire Extinguishers		Particulars	
Type	Capacity		Basic (Rs.)
CO 2	2 Kg	Horn (PVC)	
		PVC Holder	
		Operating wheel	
		Syphon tube	
		Squeeze Grip type valve	
		Clamp for hanging	
		Floor stand for fire extinguisher (good looking powder coated in red color)	
		Installation of 2kg CO2 fire extinguisher	
		Permanent marking tag (with proper crimping (SS 304) embossed)	
		Operating Instruction Sticker	
	4.5 Kg	Horn (PVC MALE THREAD)	
		PVC Holder	
		Operating wheel	
		Syphon tube	
		Flexible pipe with 1 MTR LENGTH	
		Squeeze Grip type valve	
		Wheel type valve	
		Clamp for hanging	
		Floor stand for fire extinguisher (good looking powder coated in red color)	
		Installation of 4.5 kg CO2 fire extinguisher	
		Permanent marking tag (with proper crimping (SS 304) embossed)	



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		Operating Instruction Sticker	
	6.8 Kg	Horn (PVC MALE THREAD)	
		PVC Holder	
		Operating wheel	
		Syphone tube	
		Flexible pipe with horn 2 MTR LENGTH	
		Wheel type valve	
		Trolley for cylinder	
		wheel for trolley cylinder	
		Permanent marking tag (with proper crimping (SS 304) embossed)	
		Operating Instruction Sticker	
	22.5 Kg	Horn (PVC MALE THREAD)	
		PVC Holder	
		Operating wheel	
		Syphone tube	
		flexible pipe with horn 5 MTR LENGTH	
		Wheel type valve	
		Trolley for cylinder	
		wheel for trolley cylinder	
		Permanent marking tag (with proper crimping (SS 304) embossed)	
	Operating Instruction Sticker		
<b>CO 2 Cylinders</b> <b>(Used in CO2 flooding system)</b>	45 kg (67.5 water capacity)	PVC Holder	
		1" NGT CO2 high rate discharge valve (can be operated in auto and manual)	
		Syphone tube (suitable for above valve)	
		Flexible high pressure hose pipe of 1 MTR LENGTH with female thread on both ends	
		Trolley for cylinder	
		wheel for trolley cylinder	
		Permanent marking tag (with proper crimping (SS 304) embossed)	





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		Operating Instruction Sticker	
<b>DCP</b>	2 Kg	Horn (PVC)	
		Cap rubber washer	
		Benzo Tube	
		Inner container	
		Plunger type valve with cap	
		Cartridge 60gms gas ISI standard in cap	
		Clamp for hanging	
		Floor stand for fire extinguisher (good looking powder coated in red color)	
		Installation of 2kg DCP fire extinguisher	
		Permanent marking tag (with proper crimping (SS 304) embossed)	
		Operating Instruction Sticker	
	5Kg	Flexible discharge pipe	
		Benzo Tube	
		Inner container	
		Plunger type valve with cap	
		Cap rubber washer	
		Squeeze Grip type cap	
		Cartridge 120gms gas ISI standard suitable in plunger type cap	
		Cartridge 120gms gas ISI standard suitable in Squeeze Grip type cap	
		Clamp for hanging	
		Floor stand for fire extinguisher (good looking powder coated in red color)	
		Installation of 6 kg DCP fire extinguisher	
		Permanent marking tag (with proper crimping (SS 304) embossed)	
	Operating Instruction Sticker		
	6Kg	Flexible discharge pipe	
		Benzo Tube	
		Inner container	



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		Plunger type valve with cap	
		Cap rubber washer	
		Squeeze grip type cap	
		Cartridge 160gms gas ISI standard suitable in plunger type cap	
		Cartridge 160gms gas ISI standard suitable in squeeze grip type cap	
		Clamp for hanging	
		Floor stand for fire extinguisher (good looking powder coated in red color)	
		Installation of 6 kg DCP fire extinguisher	
		Permanent marking tag (with proper crimping (SS 304) embossed)	
		Operating Instruction Sticker	
	10 Kg	Flexible discharge pipe	
		Benzo Tube	
		Inner container	
		Plunger type valve with cap	
		Cap rubber washer	
		cartridge 200 gms gas ISI standard suitable in plunger type cap	
		Floor stand for fire extinguisher (good looking powder coated in red color)	
		Installation of 10 kg DCP fire extinguisher	
		Permanent marking tag (with proper crimping (SS 304) embossed)	
		Operating Instruction Sticker	
	25 Kg	Flexible discharge pipe 2 MTR LENGTH with squeeze vale on discharge end	
		Benzo Tube	
		Inner container	
		Plunger type valve with cap	
		Cap rubber washer	
		Cartridge 300 gms gas ISI standard suitable in plunger type cap	



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		Trolley for cylinders for 25kgs of co2 fire extinguisher	
		Wheel for trolley cylinder	
		Permanent marking tag (with proper crimping (SS 304) embossed)	
		Operating Instruction Sticker	
WCO2	9 ltr	Flexible discharge pipe	
		Benzo Tube	
		Inner container	
		Plunger type valve with cap	
		Cap rubber washer	
		Squeeze grip type cap	
		Cartridge 60 gms gas ISI standard suitable in plunger type cap	
		Cartridge 60 gms gas ISI standard suitable squeeze grip type cap	
		Clamp for hanging	
		Floor stand for fire extinguisher (good looking powder coated in red color)	
		Installation of 9 ltr Wco2 fire extinguisher	
		Permanent marking tag (with proper crimping (SS 304) embossed)	
		Operating Instruction Sticker	
ABC	1 / 2 Kg	Horn PVC	
		ABC S/P Valve Rubber O ring	
		ABC S/P Spindle rubber O ring	
		Pressure Gauge	
		Squeeze grip type valve	
		Clamp for hanging	
		Floor stand for fire extinguisher (good looking powder coated in red color)	
		Installation of 4 kg ABC fire extinguisher	
		Permanent marking tag (with proper crimping (SS 304) embossed)	
		Operating Instruction Sticker	



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4 Kg	Flexible discharge pipe	
	ABC S/P Valve Rubber O ring	
	ABC S/P Spindle rubber O ring	
	Pressure Gauge	
	Squeeze grip type valve	
	Clamp for hanging	
	Floor stand for fire extinguisher (good looking powder coated in red color)	
	Installation of 4 kg ABC fire extinguisher	
	Permanent marking tag (with proper crimping (SS 304) embossed)	
	Operating Instruction Sticker	
5 Kg	Flexible discharge pipe	
	ABC S/P Valve Rubber O ring	
	ABC S/P Spindle rubber O ring	
	Pressure Gauge	
	Squeeze grip type valve	
	Clamp for hanging	
	Floor stand for fire extinguisher (good looking powder coated in red color)	
	Installation of 4 kg ABC fire extinguisher	
	Permanent marking tag (with proper crimping (SS 304) embossed)	
	Operating Instruction Sticker	
6 Kg	Flexible discharge pipe	
	ABC S/P Valve Rubber O ring	
	ABC S/P Spindle rubber O ring	
	Pressure Gauge	
	Squeeze grip type valve	
	Clamp for hanging	
	Floor stand for fire extinguisher (good looking powder coated in red color)	
	Installation of 4 kg ABC fire extinguisher	



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		Permanent marking tag (with proper crimping (SS 304) embossed)	
		Operating Instruction Sticker	
<b>CLEAN AGENT FE-36</b>	4 Kg	Flexible discharge pipe	
		S/P Valve Rubber O ring	
		S/P Spindle rubber O ring	
		Pressure Gauge	
		Squeeze grip type valve	
		Clamp for hanging	
		Floor stand for fire extinguisher (good looking powder coated in red color)	
		Installation of 4 kg fire extinguisher	
		Permanent marking tag (with proper crimping (SS 304) embossed)	
		Operating Instruction Sticker	
<b>CLEAN AGENT SS Body – NASA Make</b>	2 Kg	Discharge Horn NASA	
		Pressure Gauge	
		squeeze grip type valve NASA	
		clamp for 2 kg NASA clean agent fire extinguisher hanging for installation of 2 kg clean agent fire extinguisher	
		Permanent marking tag (with proper crimping (SS 304) embossed)	
		Operating Instruction Sticker	
<b>WATER MIST</b>	3 LTR	Discharge Horn	
		ABC S/P Valve Rubber O ring	
		ABC S/P Spindle rubber O ring	
		Pressure Gauge	
		Floor stand for fire extinguisher (good looking powder coated in red color)	
		Squeeze grip type valve	
		clamp for hanging	
		installation of water mist 3 ltr fire extinguisher	
		Permanent marking tag (with proper crimping (SS 304) embossed)	



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		Operating Instruction Sticker	
	6 LTR	Discharge Horn	
		ABC S/P Valve Rubber O ring	
		ABC S/P Spindle rubber O ring	
		Pressure Gauge	
		Floor stand for fire extinguisher (good looking powder coated in red color)	
		Squeeze grip type valve	
		clamp for hanging	
		installation of water mist 6 ltr fire extinguisher	
		Permanent marking tag (with proper crimping (SS 304) embossed)	
		Operating Instruction Sticker	
		50 LTR	High Pressure discharge hose 5 mtr
	Pressure Gauge		
	Cap with Pressure release valve		
	Hose connectors		
	Air Cylinder 300 Bar		
	Mist Discharge Nozzle (Gun Type)		
	Air Cylinder Valve		
	wheel for trolley		
	Permanent marking tag (with proper crimping (SS 304) embossed)		
	Operating Instruction Sticker		
<b>B A Set</b>		Lung Demand Valve	
		Air cylinder valve	
		Face mask (toric vision and textile cadle)	
		Medium Pressure Hose	
		Pressure Gauge	
		Warning Whistle	



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		BA Set Discharge Valve	
		Back Plate with cylinder straps and waist belt	
<b>General spares</b>		Locking pin for Squeeze grip Cap	
		Locking pin for wheel type valve	
		locking clip For plunger type cap	
		Miscellaneous locking device for fire extinguisher (locking tag & wire seal)	
		Miscellaneous clamp for fire extinguisher	
<b>Fire Extinguisher Stand</b>		Stand for total 4 nos fire extinguisher, in 2 rows of 2-2 Fire Extinguishers 1 row is for 4.5 kg CO2 fire extinguisher and 1 row is for 6 Kg DCP / ABC fire extinguisher and with roof (MOC – MS)(As per drawing given in <b>Annexure IV</b> made of 25*25*3 mm angle and 2mm sheet wherever used	
		Stand for total 4 nos fire extinguisher, in 2 rows of 2-2 Fire Extinguishers 1 row is for 4.5 kg CO2 fire extinguisher and 1 row is for 6 Kg DCP / ABC fire extinguisher and with roof (MOC – SS 316) (As per drawing given in <b>Annexure IV</b> made of 25*25*3 mm angle and 2mm sheet wherever used	
<b>Sand bucket stand</b>		4 nos. sand bucket stand of good looking in 2 rows of 2-2 bucket and with roof painted in post office red colour with powder coating and FIRE written in white color (MOC – MS)	
		4 nos. sand bucket stand of good looking in 2 rows of 2-2 bucket and with roof roof painted in post office red colour with powder coating and FIRE written in white color (MOC – SS 316)	
		Sand bucket 9 kg painted in post office red colour with powder coating and FIRE written in white color (MOC – MS)	
		Sand bucket 9 kg painted in post office red colour with powder coating and FIRE written in white color (MOC – SS316)	
<b>Boards for Fire Extinguishers</b>		Sign board of Fire Extinguisher, with numbering space with, with type and use of fire extinguisher (approved by our safety officer) of size(17 inch height * 10 inch width), auto glow type, on 3mm foam sheet with peel of arrangement	



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		Sign board of Fire Extinguisher, with numbering space with, with type and use of fire extinguisher (approved by our safety officer) of size(17 inch height * 10 inch width), auto glow type, on acrylic sheet with peel of arrangement	
		Sign board of Fire Extinguisher, with numbering space with, with type and use of fire extinguisher (approved by our safety officer) of size(17 inch height * 10 inch width), auto glow type, on vinyl sticker sheet with peel of arrangement	
<b>FOAM</b>	<b>AFFF 3%</b>	AQUEOUS FILM FORMING FOAM(AFFF) As per Indian Standard 4989, and as per NFPA(11) (Price Rs per L)	
	<b>AR-FFF 6%</b>	AQUEOUS FILM FORMING FOAM(ARFFF) - Alcohol Resistance As per Indian Standard 4989, and as per NFPA(11) (Price Rs per L)	

\*GST extra on above rate.

\*\* All the spares must be of ISI approved and of reputed make





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## Annexure II:

### Standard procedure for maintenance of fire extinguishers

#### 1. DRY CHEMICAL POWDER TYPE FE's

- Checking of DCP inside the FE manually.
- Checking the Cap plunger & lubricating the same.
- Checking the discharge hose & blowing the same with air.
- Checking the discharge nozzle of the hose.
- Checking the Inner container of the FE's.
- Checking the weight of the CO2 Cartridge.
- Checking the Safety Pin and seal.
- Checking and proper hanging with clamp FE.
- Checking the wheel assembly of the FE's.
- Cleaning of the FE.
- Checking Operating instruction sticker on it.

#### 2. ABC TYPE FE's

- Checking the Pressure of FE.
- Checking the discharge hose & blowing the same with air.
- Checking the discharge nozzle of the hose.
- Checking the Safety Pin and seal.
- Checking Squeeze Grip Lever.
- Checking and proper hanging with clamp FE.
- Cleaning of the FE.
- Checking Operating instruction sticker on it.

#### 3. CO2 TYPE FE's

- Checking the ON-OFF functioning of FE.
- Checking the discharge hose & blowing the same with air.
- Checking the discharge nozzle & Horn of the hose.
- Checking the Safety Pin and seal.
- Checking the Weight of FE's.
- Checking the wheel assembly of the FE's.
- Checking and proper hanging with clamp FE.
- Cleaning of the FE.
- Checking Operating instruction sticker on it.

#### 4. MECHANICAL FOAM TYPE FE's

- Checking of liquid of Foam & Water inside the FE manually.
- Checking the Cap plunger & lubricating the same.
- Checking the discharge hose & blowing the same with air.
- Checking the discharge nozzle of the hose.
- Checking the weight of the CO2 Cartridge.
- Checking the Safety Pin and seal.



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- Checking the wheel assembly of the FE's.
- Checking and proper hanging with clamp FE.
- Cleaning of the FE.
- Checking Operating instruction sticker on it.

## 5. WATER CO2 TYPE FE's

- Checking of Water quality inside the FE manually.
- Checking the Cap plunger & lubricating the same.
- Checking the discharge hose & blowing the same with air.
- Checking the discharge nozzle of the hose.
- Checking the weight of the CO2 Cartridge.
- Checking the Safety Pin and seal
- Checking the wheel assembly of the FE's.
- Checking and proper hanging with clamp FE.
- Cleaning of the FE.
- Checking Operating instruction sticker on it.

## 6. WATER MIST TYPE FE's

- Checking the Pressure of FE.
- Checking the discharge nozzle.
- Checking the Safety Pin and seal.
- Checking Squeeze Grip Lever.
- Checking and proper hanging with clamp FE.
- Cleaning of the FE.
- Checking Operating instruction sticker on it.

## 7. CLEAN AGENT TYPE FE's

- Checking the Pressure of FE.
- Checking the discharge hose & blowing the same with air.
- Checking the discharge nozzle of the hose.
- Checking the Safety Pin and seal.
- Checking Squeeze Grip Lever.
- Checking and proper hanging with clamp FE.
- Cleaning of the FE.
- Checking Operating instruction sticker on it.

## 8. SCBA(SELF CONTAINED BREATHING APPARTUS) SET

- Checking the Pressure.
- Checking the functioning of lung demand valve.
- Checking warning whistle.
- Checking the condition of Full Face Mask and Harness.
- Checking the condition of hose pipes.
- Functioning of main cylinder valve.

## 9. MANDATORY FOR ALL FIRE EXTINGUISHERS (FE)

- Hydro testing of FE's every alternate year.
- Changing of Discharge Hose of FE's as the same becomes hard / every six Months, whichever is earlier
- Changing of DCP Powder as signs of lump formation is shown.
- Painting of FE's at the discretion of Client.
- Replace the Cartridge of the FE's if the weight loss is more than 10 % of the standard weight.
- CO2 FE's to be sent for refilling if the weight loss is more than 10 % of actual weight.

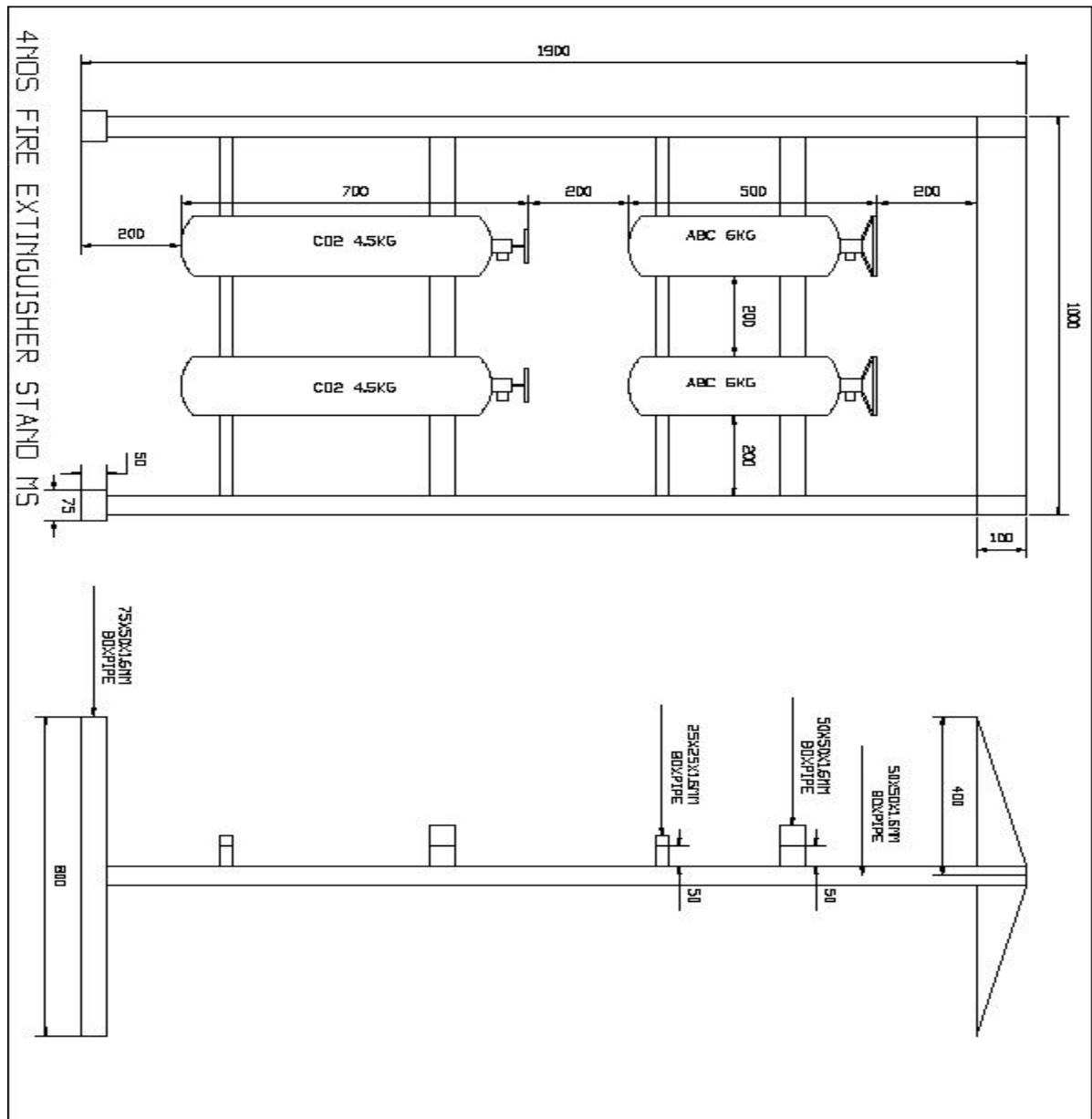


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- For ABC type FE's, if there is pressure loss, then the same has to be sent for refilling.

## Annexure III : Drawing for fire extinguisher stand





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## Annexure IV: Safety Requirements of AmulFed Dairy

### **A. GENERAL REQUIREMENT:-**

1. Contractor must submit Medical Fitness certificates for all the workers after award of contract and before commencement of any work.
2. Contractor Owner / supervisor / in-charge must brief these safety guidelines-requirements and other work related safety precautions to all their workers at least once, And record of the same is maintained and submitted to Safety Officer Amulfed Dairy.
3. Contractor has to brief and made aware all their workers that they understand the importance of House Keeping and always maintain good housekeeping while work and after work.
4. Contractor must follow work permit system / risk assessment authorized by Amulfed Dairy in-charge every time before work for all the activities at site.
5. For any critical work contractor has to plan properly with in-charge (Amulfed Dairy) and Safety Officer- Amulfed Dairy before work.
6. For any controversy or immediate threat to safety of person and plant the decision of Safety Officer – Amulfed Dairy is final.

### **B. DOCUMENTS:-**

1. Medical fitness certificates of all workers (One Time)
2. Equipment's testing and validation record wherever required.

All the documents must be maintained at site and shown to Amulfed Dairy officials on demand

### **C. PPES:-**

1. Contractor has to ensure sufficient quantity of following PPEs provided for their workers all the time at workplace and made arrangement for it's upkeepment with effect from first day of contract.
  - a. Safety Shoes
  - b. Safety Helmet
  - c. Cotton Hand Gloves
  - d. Goggles

### **D. EQUIPMENTS:-**

All the following mentioned equipments must be ISI marked and tested / calibrated by Third Party and contractor has to submit testing / calibration certificate before commencement of work.



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## **1. Hand Grinder:-**

- a. Grinding m/c must be in good condition having no defects
- b. Having identification and testing labels on it
- c. Guard must be there always on the grinding wheel
- d. Body earthing if metal body
- e. Having given body earthing and always connected with ELCB
- f. Having intact supply cable with top plug and no joints allowed

## **2. Hand Drill and other portable tools:-**

- a. Hand Drill and other portable tools must be in good condition having no defects
- b. Having identification and testing labels on it
- c. Guard/lock must be there always on the machine
- d. Body earthing if metal body
- e. Having given body earthing and always connected with ELCB
- f. Having intact supply cable with top plug and no joints allowed

## **3. Extension Board:-**

- a. Sufficient Number of Portable Extension provided by contractor
- b. All the extension board have proper fiber cover
- c. All the extension must have 1 female plug of industrial type 3-phase, 1 female plug of industrial type 1-phase, 1 female plug of three-pin
- d. Extension boards having provision of earthing wire
- e. Extension board must have RCCB / ELCB on it
- f. Having intact supply cable with top plug and no joints allowed

## **E. SAFETY GUIDELINES FOR WORK:-**

### **1. Maintenance / Servicing Work):-**

- a. Use of Safety Shoes, Safety Helmet, Cotton hand gloves, Goggles is must for all the workers.
- b. Ensure proper isolation of equipment and permission of respective Amulfed Dairy in-charge.
- c. Do service maintenance as per standard procedure or as per guideline of Amulfed Dairy in-charge.



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## **F. PENALTY:-**

1. For Not following General Requirements, Penalty of Rs. 5000 for each violation / per day will be imposed.
2. For non availability and fulfillment of above listed documents penalty of Rs. 2000 for each violation / per day will be imposed.
3. For not using required PPEs at work, Penalty of Rs. 2000 for each violation will be imposed
4. For not following any Safety Guidelines while work for relevant work, Penalty of Rs. 5000 will be imposed.