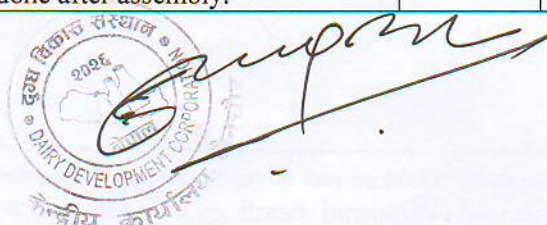


दुग्ध विकास संस्थान
(नेपाल सरकारको पूर्ण स्वामित्वको)
केन्द्रीय कार्यालय, लैनचौर ।

मिल्क टैंक खरिद गर्ने सम्बन्धी सूचना
(प्रकाशित मिति: २०७६।०९।२७)

यस संस्थानले दूध ढुवानी गर्ने ९००० लि. क्षमताको रोड मिल्क टैंकर च्यासिसको लागि एक थान मिल्क टैंक खरिद गर्नुपर्ने भएकोले सार्वजनिक खरिद ऐन, २०६३ (पहिलो संशोधन २०७३) को दफा ८ को उपदफा १ (क) ८ तथा सार्वजनिक खरिद नियमावली, २०६४ (चौथो संशोधन २०७३) को नियम ३१ख. बमोजिम त्यस्तो सामान उत्पादक कम्पनी वा सोको आधिकारिक विक्रेताहरुबीच मात्र प्रतिस्पर्धा गराउने (क्याटलग सपिङ्ग) विधिबाट खरिद गर्नुपर्ने भएकोले इच्छुक इजाजत प्राप्त उत्पादक कम्पनी वा त्यसको आधिकारिक विक्रेताहरुले आ-आफ्नो फर्म दर्ता, मु.अ.कर दर्ता, Letter of Authorization र आ.व. २०७४/०७५ को कर चुक्ता प्रमाणपत्र (नोटरी पब्लिक) प्रमाणित प्रतिलिपीहरु समावेश गरी सार्वजनिक खरिद नियमावली, २०६४ को नियम ३१ख.(१) अनुसार देहाय बमोजिमको मिल्क टैंक उत्पादनको आधिकारिक स्पेसिफिकेशन, मूल्य र सुविधा सहितको गुणस्तर विवरण (क्याटलग वा ब्रोसर) संलग्न राखी यो सूचना प्रकाशित भएको मितिले ८ औं दिन (मिति २०७६।०९।०३) को १२:०० बजे सम्ममा यस संस्थानको केन्द्रीय कार्यालय, लैनचौरमा सिलबन्दी प्रस्ताव दर्ता गर्नुहुन सम्बन्धित उत्पादक वा आधिकारिक विक्रेताको जानकारीको लागि यो सूचना प्रकाशित गरिएको छ । साथै, म्यादभित्र दर्ता भएका प्रस्ताव सोही दिनको १:०० बजे खोलिने जानकारी समेत गराइन्छ ।

क्र. सं.	विवरण	संक्षिप्त विवरण	आवश्यक संख्या	कैफियत
१.	एस एस मिल्क टैंक	Capacity: 9000 ltr. Triple compartment Type/Shape: Elliptical Shape Dimension: suitable to mount on a chassis loading length of 18ft & standard chassis width with "U" bolt mounting provision; Outer dished end: AISI 304SS thickness: Min 3.0 mm Inner dished end: AISI 304SS thickness: Min. 3.0mm Outer shell complete: AISI 304SS thickness: Min. 2.0mm Inner shell complete: AISI 304SS thickness Min. 2.0mm Insulation: PUF insulation thickness: min.100 mm. The temperature of milk should not rise more that 2 ^o C in hours at an ambient temperature of 35 ^o C and milk temperature of 4 ^o C. Glass wool & Asbestos clothes should be provided where welding work should be done after assembly.	१	संक्षिप्त विवरणमा उल्लेख नभएका कुराहरु संस्थानको Technical Specification बमोजिम हुनेछ । Technical Specification संस्थानको website: www.dairydev.com.np मा हेर्न सकिनेछ ।


 दुग्ध विकास संस्थान • नेपाल
 DAIRY DEVELOPMENT CORPORATION
 केन्द्रीय कार्यालय

**Specification
For
SS Milk Tank for Road Milk Tanker**

1.	Capacity	:	9000 Ltrs (Triple compartment)
2.	Type/Shape	:	Elliptical Shape.
3.	Dimension	:	The milk tank should be suitable to mount on a chassis loading length of 18ft & standard chassis width with "U" bolts mounting provision. The Milk Tank should be with proper alignment and with proper supports to make it suitable for mountainous & rough road condition.
4.	Insulation	:	PUF insulation min. 100 mm thick. The temperature of milk should not rise more than 2° C in 24 hours at an ambient temperature of 35°C and milk temperature of 4°C. Glass wool & Asbestos cloth should be provided where welding work should be done after assembly.
5.	CIP	:	Cleaning devices assembly should be provided with Ø 100 mm Stainless Steel AISI 304 spray balls inside the barrel and 51mm header with plug cap and chain.
6.	Gangway	:	Non slippery gangway and platform around each manhole.

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7.	Finish	:	All welding joints are to be ground smooth. All stainless steel surfaces are to be polished to 150 grits.
8.	Joints	:	The tank should be fabricated from single piece SS sheet with less number of joints without using scrap materials. The inner barrel joint should be on the top/side.
9.	Rear Cabin/Outlet Box	:	Should be placed at the rear side of the tank. Butterfly valves should be placed inside the valve box with fitting and end cap with chains.
10.	Manhole & Dust Cover	:	Heavy duty Stainless Steel AISI 304 quality manhole of Ø 500/450 mm diameter, insulated manhole cover with air breather, standard gasket & heavy duty dust cover for manhole for all three compartments.
11.	Dipstick	:	Suitable graduated Stainless Steel AISI 304 quality dip-stick for measuring the volume of milk.
12.	Slope	:	The bottom of inner shell slope should be towards the outlet valve for complete drainage of milk.
13.	Pump	:	Stainless Steel AISI 304 Centrifugal Milk Pump, 3 Phase 415 V/50 Hz, AC with capacity of 10000 Ltrs Per Hour.
14.	Spare Parts (With Each Tank)	:	
		-	Food grade quality manhole gasket - 10 Pcs
		-	Shaft Seal for milk pump - 2 Sets
		-	Butterfly Valve Gasket - 3Pcs
15.	Warranty	:	One year from the date of handover of the tank.
16.	Design, Details & Drawing		The tank has to be constructed as per the specification & the following details and drawing.
17.	Performance Test	:	
		-	Check the risen in temperature
		-	Check the capacity of the tank
		-	Check the SS quality, thickness and other parameters of the specification

Detail Requirements

S.No	Description	Material	Size/Thickness
1	Chasis	Not Required	
2.	Outer dished end	AISI 304 SS	Min.3.0 mm thick
3.	Inner dished end	AISI 304 SS	Min. 3.0 mm thick
4.	Outer shell complete	AISI 304 SS	Min. 2.0 mm thick
5.	Inner shell complete	AISI 304 SS	Min. 2.0 mm thick
6.	Side gutter cum catwalk way	AISI 304 SS	Min. 2.0 mm thick 125 mm wide
7.	Cat walk platform	Aluminum Chequered Plate	Min. 5.0 mm thick X 400 mm wide aluminum chequered plate. Angle/pipe & support made from

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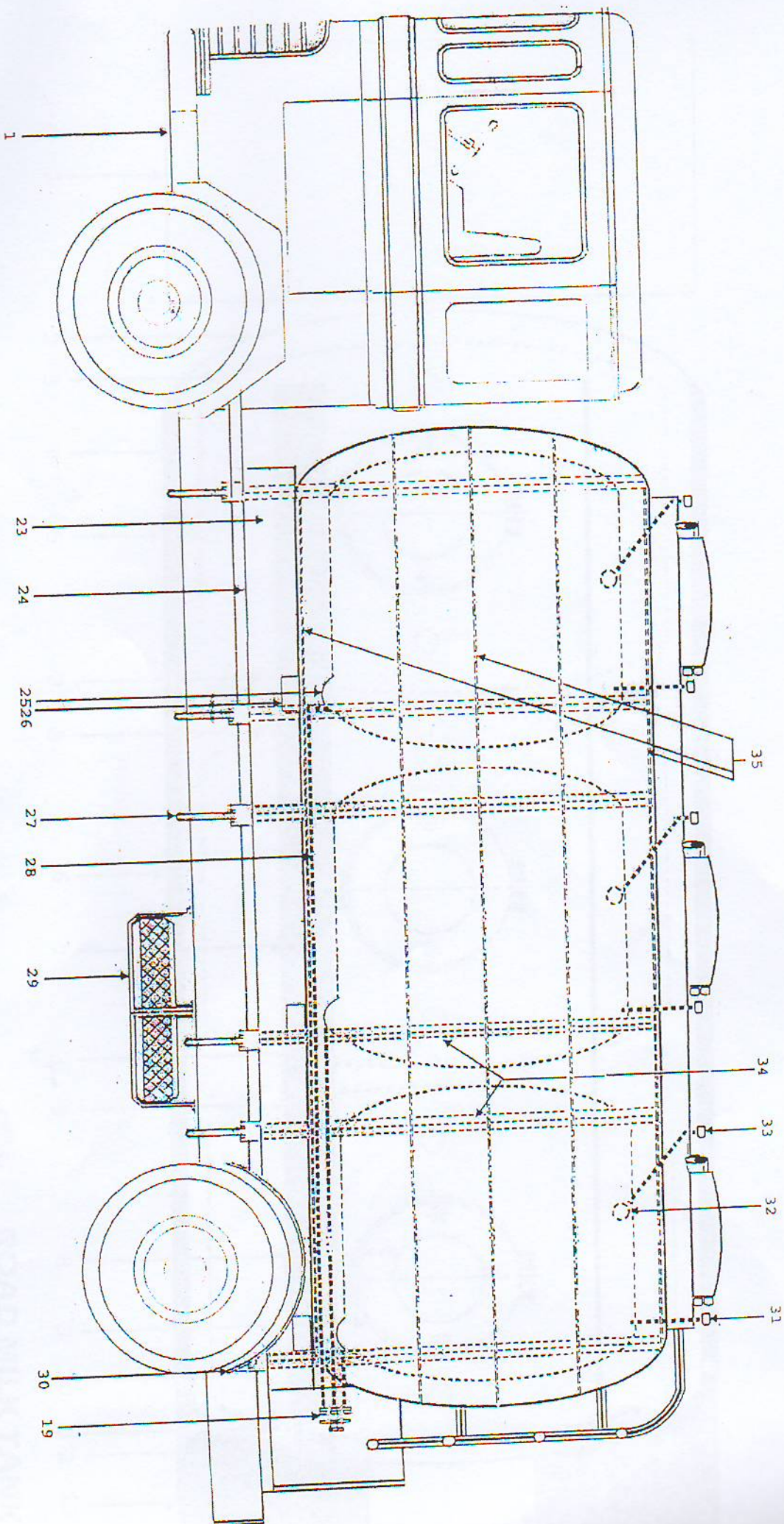
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			AISI 304 SS (Min. 2.0 mm thick angle & Ø 25 mm X 1.6 mm thick SS pipe)
8.	Manhole (Each compartment)	AISI 304 SS	Ø 500/450mm standard
9	Manhole outlet cover	AISI 304 SS	2.00 mm thick
10	Insulation	Polyurethane Foam (PUF)	Min. 100 mm
11.	Rear Platform	Aluminium Chequered Plate	Min. 5.00 mm thick
12	Bumper	Not Required	
13.	S.S. Pipe	AISI 304 SS	Ø 25 mm X 1.6 mm thick S.S. Pipe
14	Ladder & Support	AISI 304 SS	Ø 25 mm X 1.6 mm thick pipes and S.S. angles
15	Sand blasted & Painted logo	As per DDC Logo	
16	Rub Rail	Aluminium	65 mm wide
17	S.S. Drain Pipe	AISI 304 SS	Ø 25 mm X 1.6 mm thick
18	Supporting Ribs	AISI 304 SS	3 mm thick X 560 mm long 6 Pcs. each side runner and tank.
19.	Rear end side	AISI 304 SS	Min. 2.0 mm thick
20	Butterfly valve - 3 sets	AISI 304 SS	Ø 63 mm butterfly valve with SS 304 outlet cap for each compartment Reduction socket - 1 pcs (63 mm female part & 51 mm male part)
21	Outlet box with locking arrangements	AISI 304 SS	Min. 2.00 mm thick
22	Step ladder	Not Required	
23	Runner (Entire length of tank with slope towards outlet)	MS	5.00 mm thick MS & clad with AISI 304 SS
24	Rubber Lining	Not Required	
25	Outlet Cup	AISI 304 SS	Min. 3 mm thick
26	Openable Cover for outlet cup	AISI 304 SS	Min. 2.0 mm thick
27	U bolts provision		Min. 6 Pcs each side
28	Outlet pipe	AISI 304 SS	Ø 63 mm
29	Spare Wheel Arrangement	Not Required	
30	Mud guard	Not Required	
31	Product inlet header	AISI 304 SS	Ø 51 mm with SS cap
32	CIP spray balls	AISI 304 SS	Ø 100 mm
33	CIP header	AISI 304 SS	Ø 51 mm with SS cap
34	Stiffening elliptical ring	MS	Min. 5 mm thick 6 supports
35	Stiffening Plate (For tank support inside)	MS	Min. 5 mm thick 5 supports

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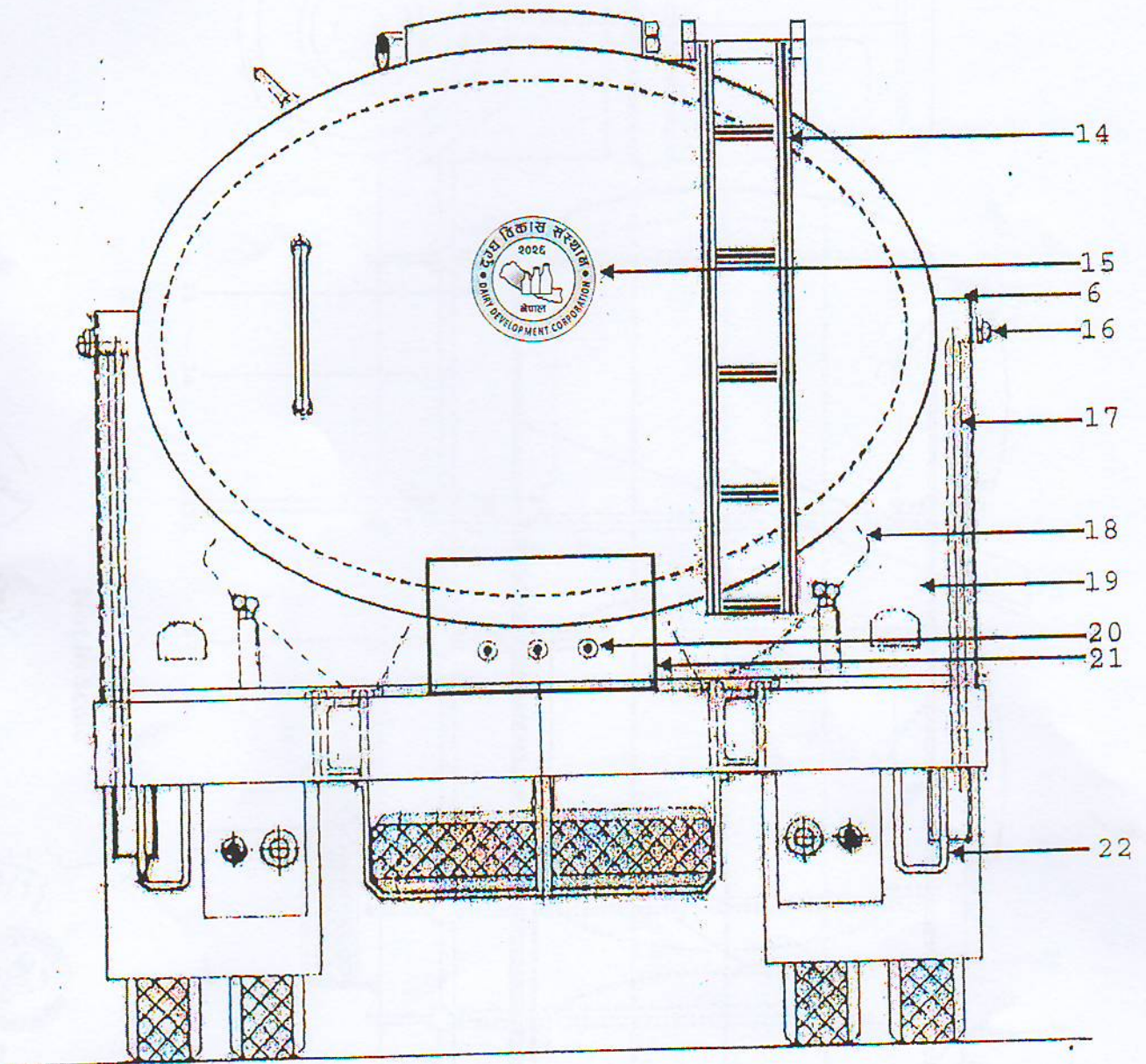
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ROAD MILK TANK
 9000 L (Triple Compartment)
 Dairy Development Corporation
 Lainchaur, Kathmandu

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Dr. Shree

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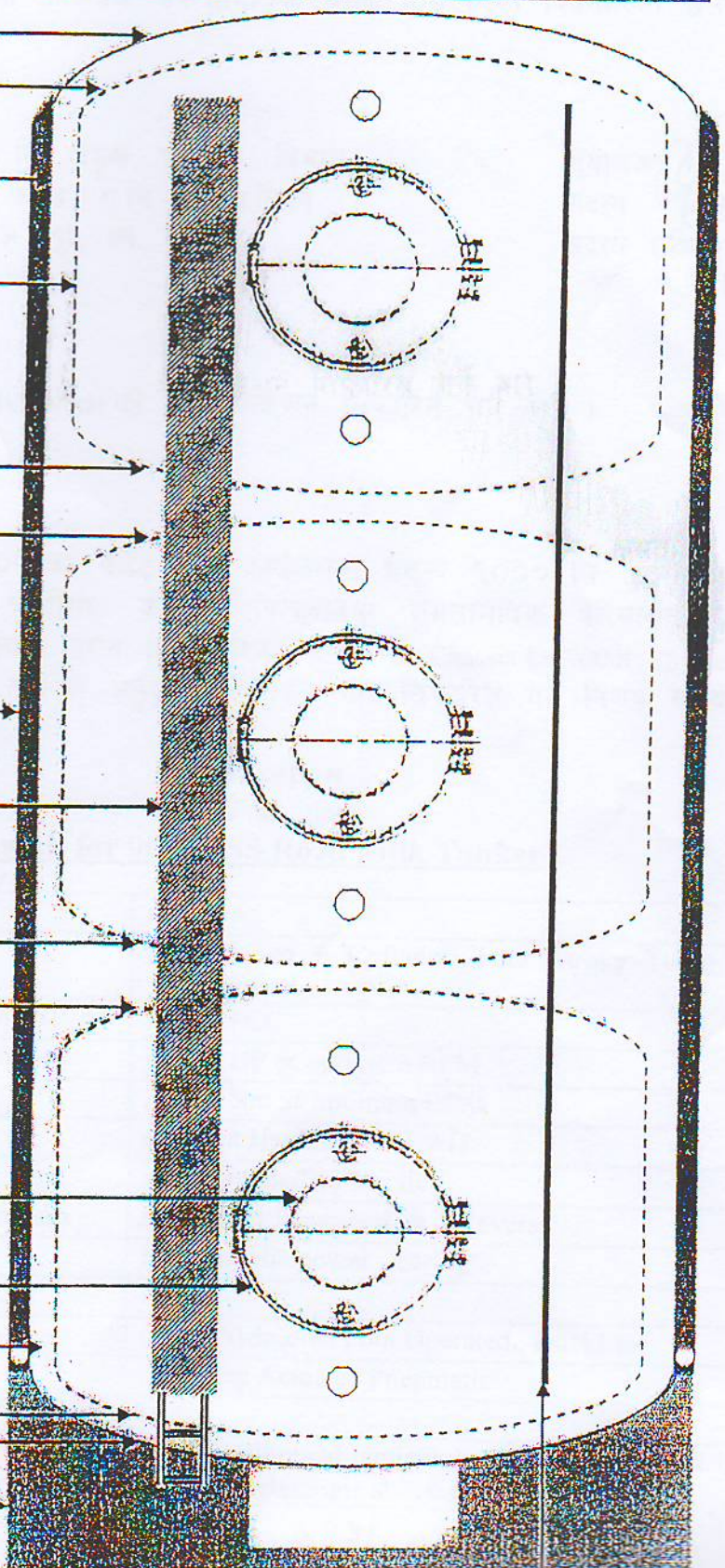
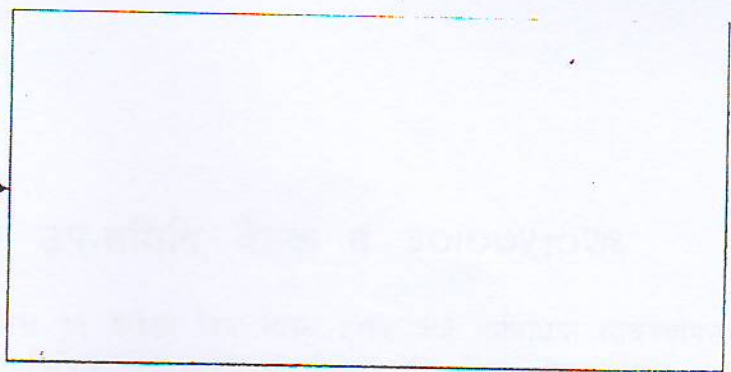


ROAD MILK TANK
9000 L (Triple Compartment)
Dairy Development Corporation
Lainchaur, Kathmandu

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ROAD MILK TANK
9000 Litres (Triple Compartment)
Dairy Development Corporation

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