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# ඩීසල් ටැංකි

## DIESEL STORAGE TANKS



**THREE SINHA**

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# DIESEL STORAGE TANK – WITH PUMP & METRE



# INTRODUCTION

Three Sinha is the only company in ***Roller Door industry and Heavy Steel Fabrication*** (HSF) in Sri Lanka more than 54 years, who has won the “Product Award of excellence in the category of Roller doors” for the sixth consecutive year at the "Architect 2017", the annual awards ceremony organized by the Sri Lanka Institute of Architects. ***We are an ISO 9001: 2015 and CIDA EM1/CIDA C3 certified establishment.***

Three Sinha does ***Supply and Fabrication of Fuel Storage Tank*** ( Above Ground ) ***with accessories*** and according to the ***CPC (Ceylon Petroleum Cooperation) and IOC (Indian Oil Corporation) standard.***



# STANDARDS FOR THE FABRICATION AND QUALITY OF TANK

The standards followed by the **Ceylon Petroleum Corporation (CPC)**.

Two types of **International Standards : ASTM and API**

- **American Society for Testing and Materials (ASTM)**

ASTM A36 steel is a carbon structural steel used in the manufacture of welded and bolted metal structures for industrial and civil construction and bridge building. ASTM A36 steel is also used in the manufacture of products and parts for general construction and mechanical engineering purposes.

- **American Petroleum Institute (API)**

API has led the development of petroleum, natural gas and petrochemical equipment and operating standards. API maintains more than 800 standards and recommended practices. They are also the most widely cited standards by the international regulatory community.



# CYCLE OF THE FUEL PROCESS



# DIESEL STORAGE TANK



# FUEL TANK – STANDARD FEATURES



## SPECIFICATION

- Fabricate the **tank shell and end plates with 6mm structural steel** according to ASTM A36 standard.
- **01 Manhole**
- **1 1/2” Air Ventilation Unit**
- **Filling pipe and dipstick** according to the CPC Standard
- **1 1/4” Delivery flange** with ball valve
- Level **indicator** and calibration chart
- Painted in two coats - **zinc phosphate primer** and **two industrial enamel grey** top coats
- Tank Shell and end plate will be done surface preparation with power brush cleaning with one primer coat and top coat.
- Ball value brass coupling set **staninless steel steel chain**
- **Tank will be tested with soap solution at Pressure 8 PSI** (Pound per square inch)

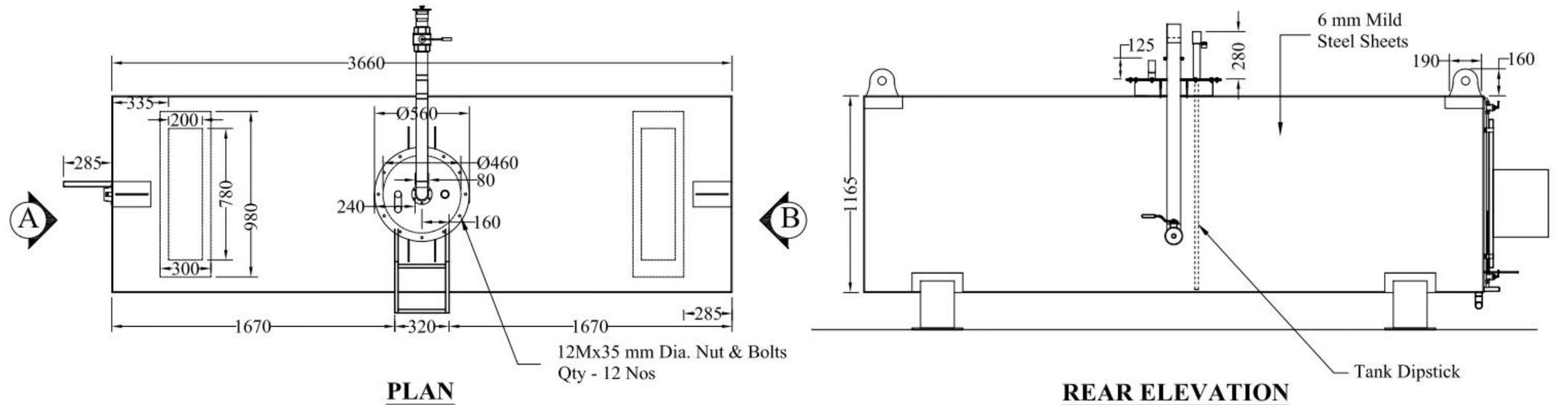
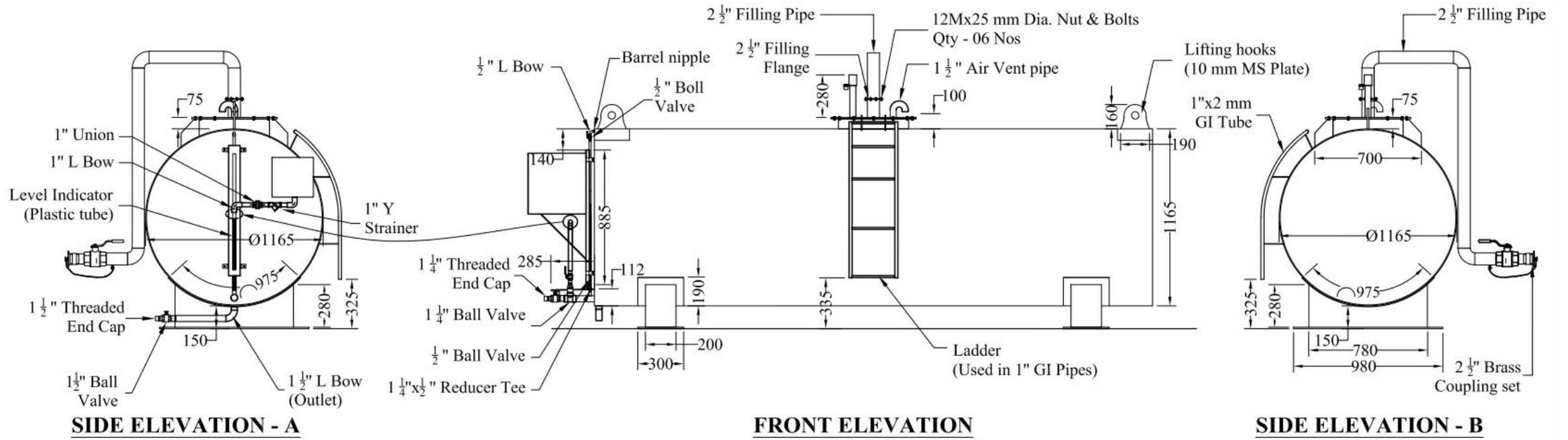
# TYPE OF FUEL TANK

DESCRIPTION	3MM thk Mild Steel	4MM thk Mild Steel	5MM thk Mild Steel	6MM thk Mild Steel
<b>4000 Litre</b> Storage Tank	YES	YES	YES	YES
<b>7000 Litre</b> Storage Tank	YES	YES	YES	YES
<b>9000 Litre</b> Storage Tank	N/A	N/A	YES	YES
<b>15000 Litre</b> Storage Tank	N/A	N/A	N/A	YES
<b>23000 Litre</b> Storage Tank	N/A	N/A	N/A	YES

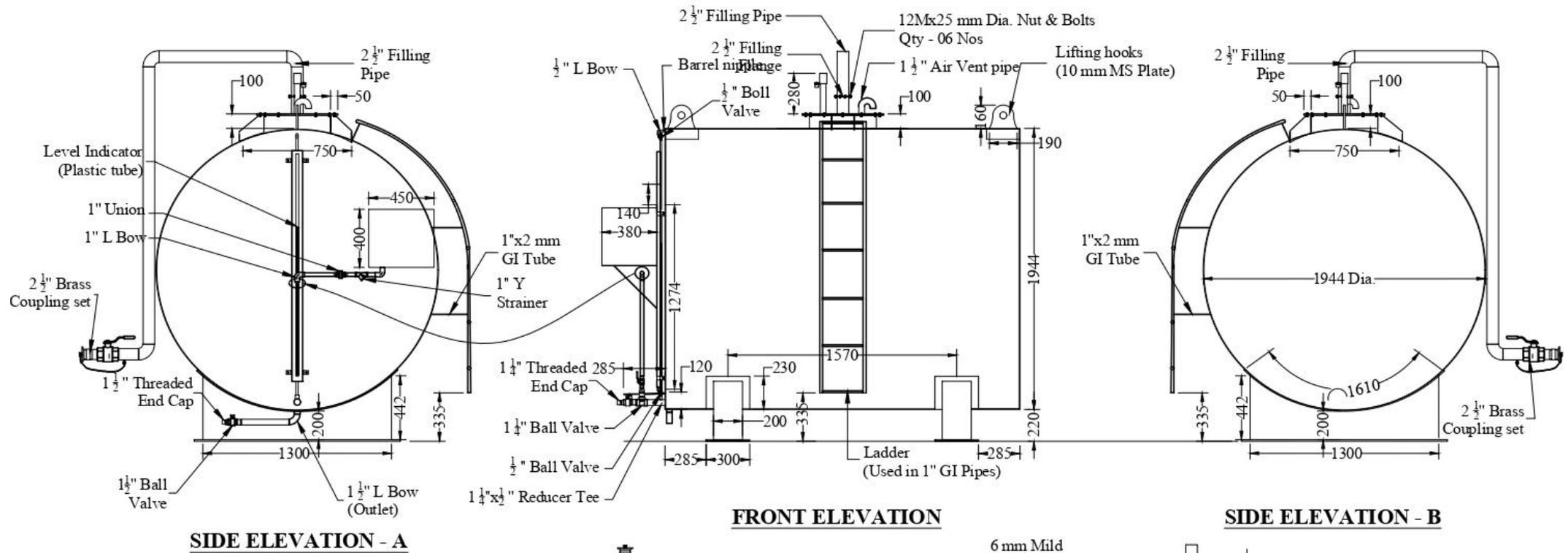
# FUEL STORAGE TANK STANDARD SIZE AND VOLUME

No	Description	Size of Tank Length & Diameter
1	4000 Litre Storage Tank	12' 0" x 3' 10"
2	7000 Litre Storage Tank	8' 0" x 6' 4"
3	9000 Litre Storage Tank	12' 0" x 6' 0"
4	15000 Litre Storage Tank	12' 0" x 7' 8"
5	23000 Litre Storage Tank	17' 4" x 7' 8"

◆ FABRICATION ON CUSTOMIZED SIZES CAN BE DONE ON REQUEST.



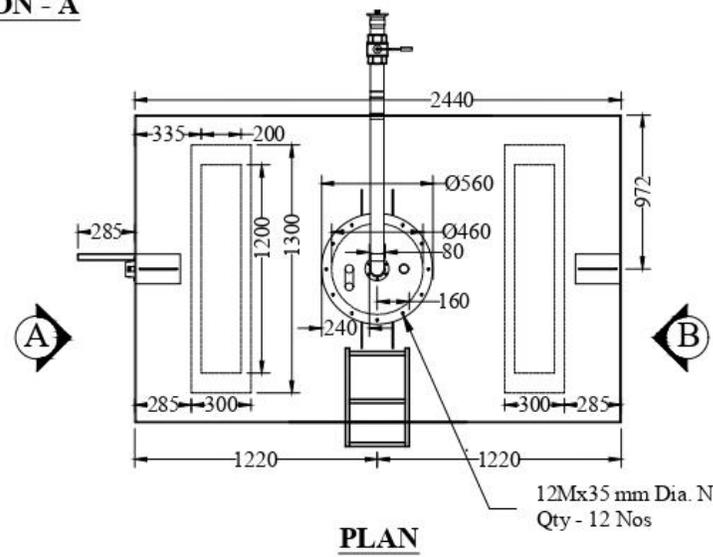
**Fabrication of Fuel Storage Tank Design : 4000L**



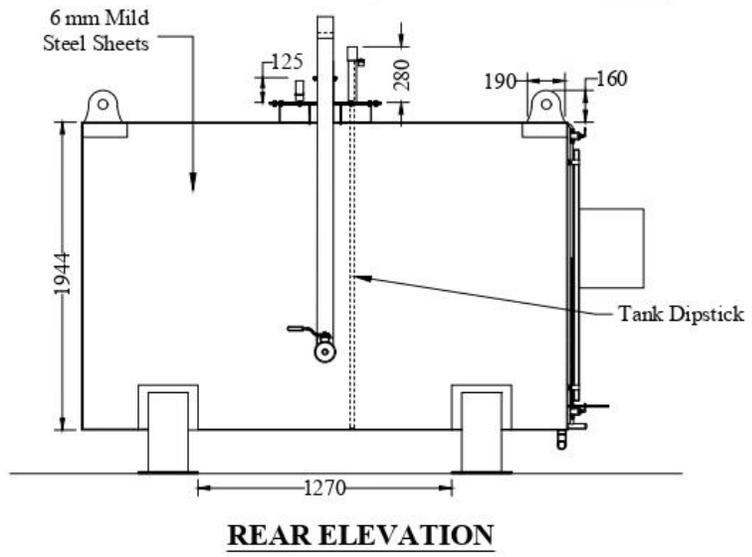
**SIDE ELEVATION - A**

**FRONT ELEVATION**

**SIDE ELEVATION - B**

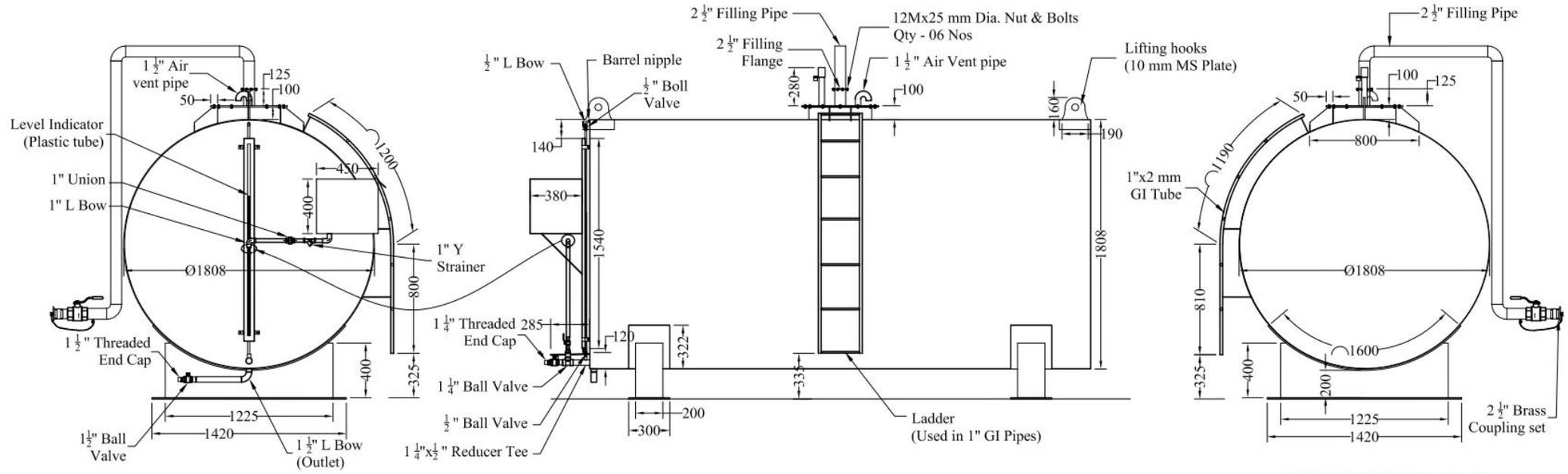


**PLAN**



**REAR ELEVATION**

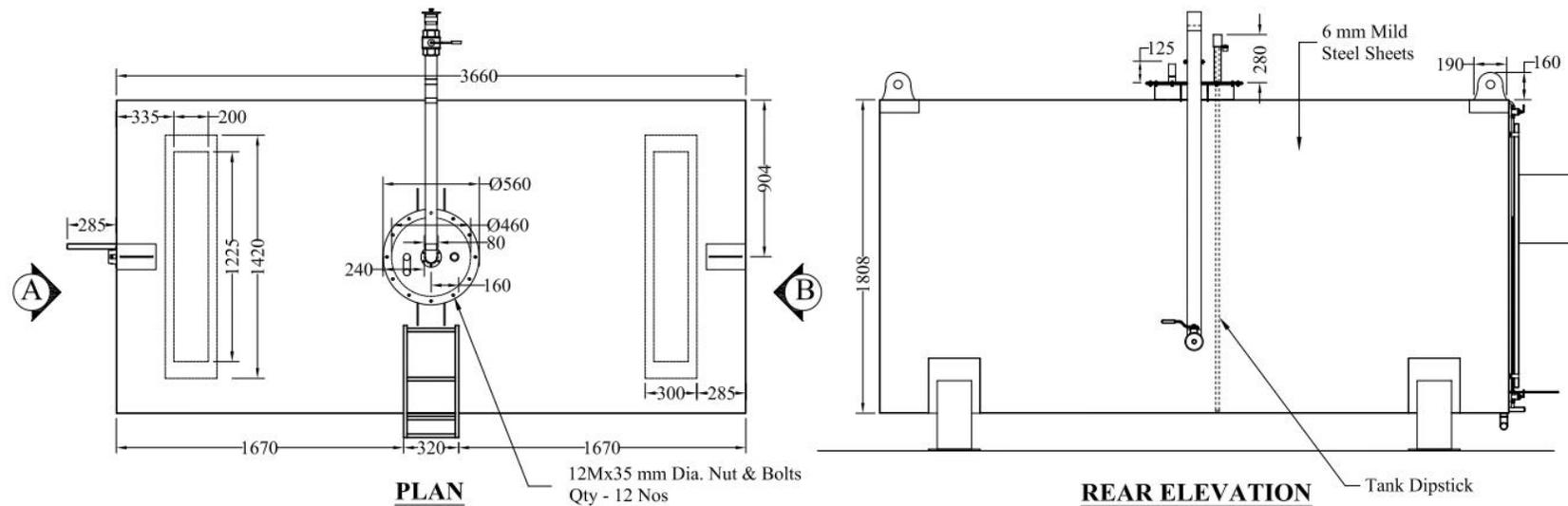
**Fabrication of Fuel Storage Tank Design : 7000L**



**SIDE ELEVATION - A**

**FRONT ELEVATION**

**SIDE ELEVATION - B**

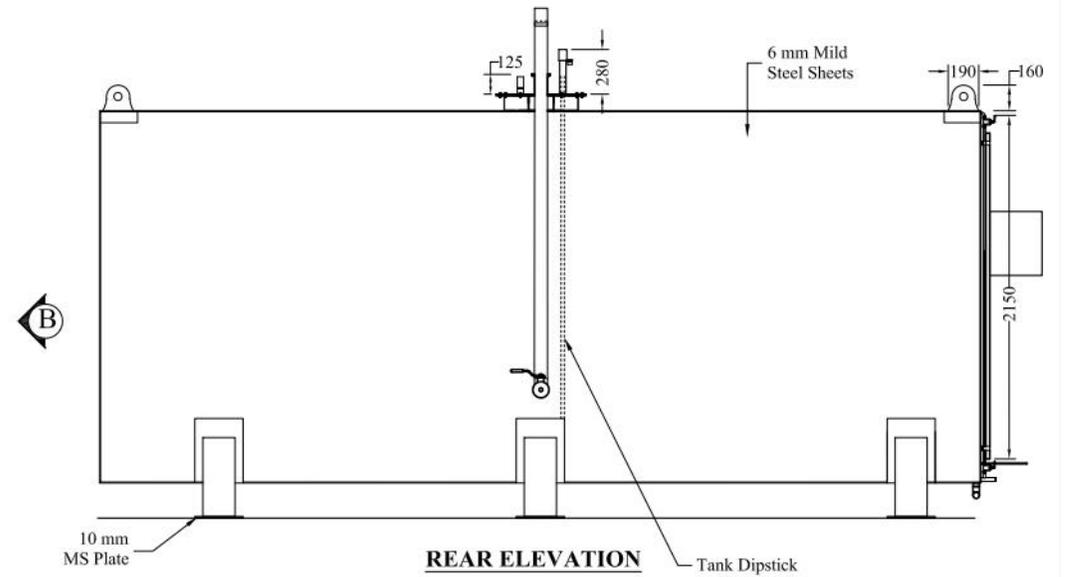
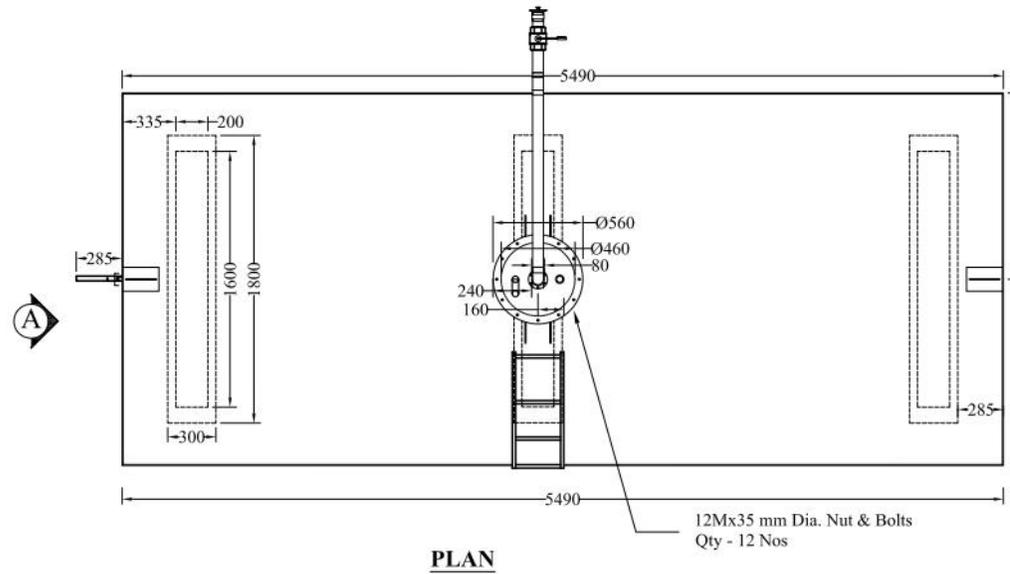
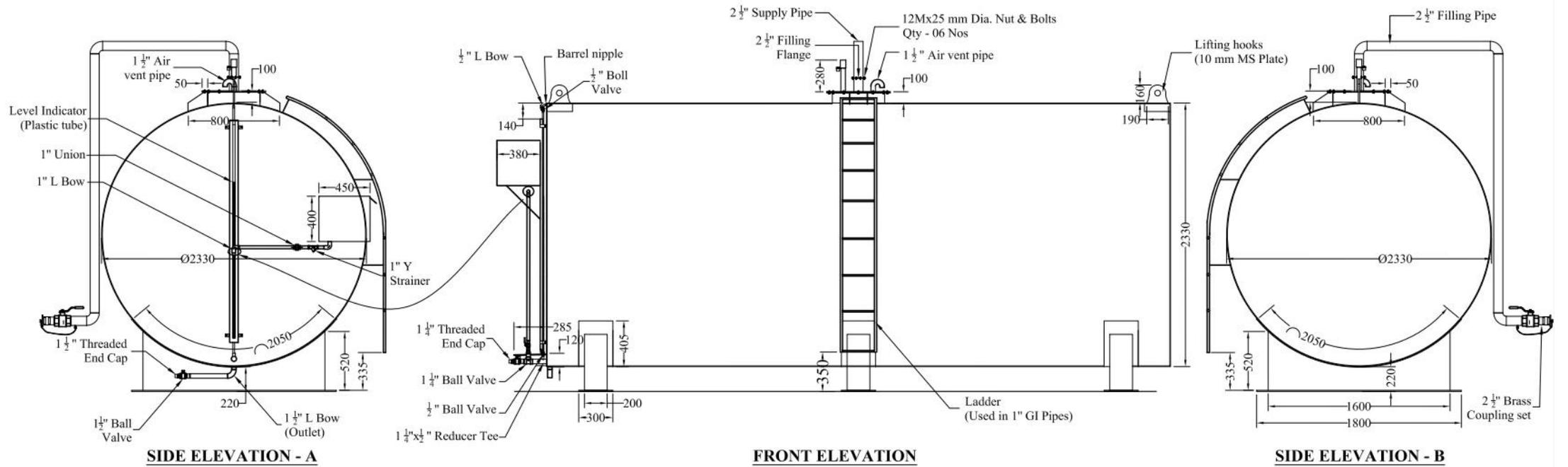


**PLAN**

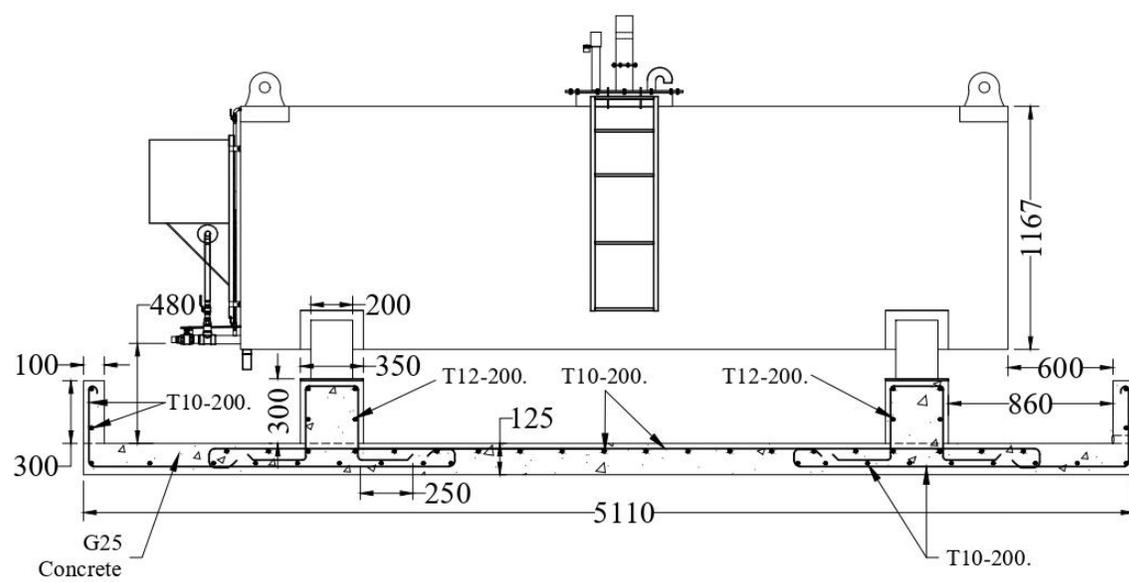
**REAR ELEVATION**

**Fabrication of Fuel Storage Tank Design : 9000L**

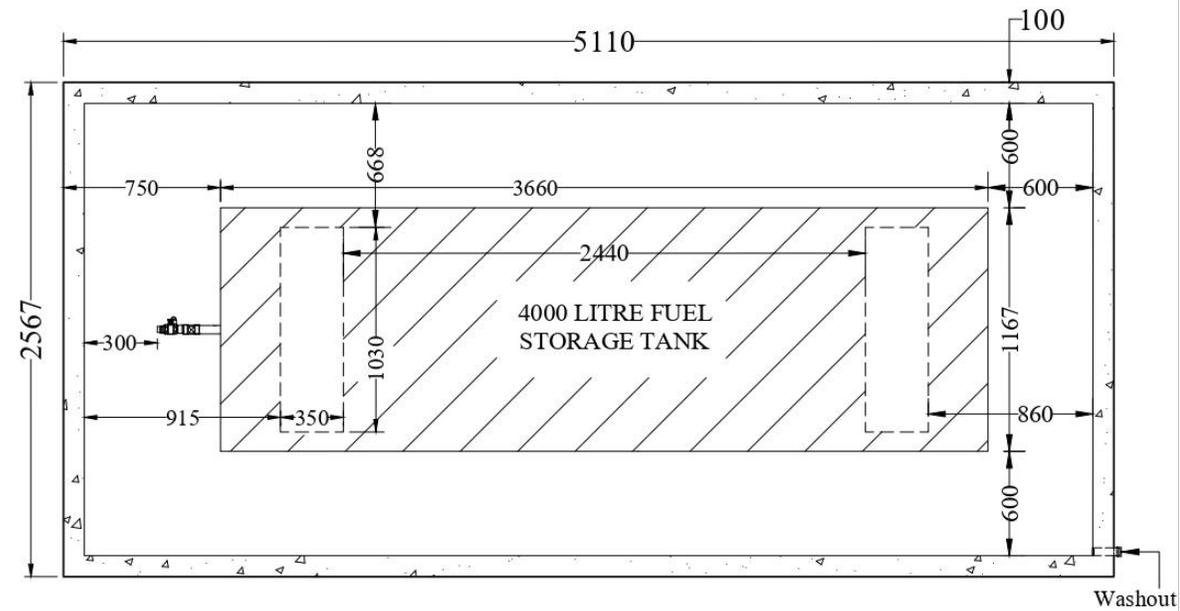




## Fabrication of Fuel Storage Tank Design : 23000L

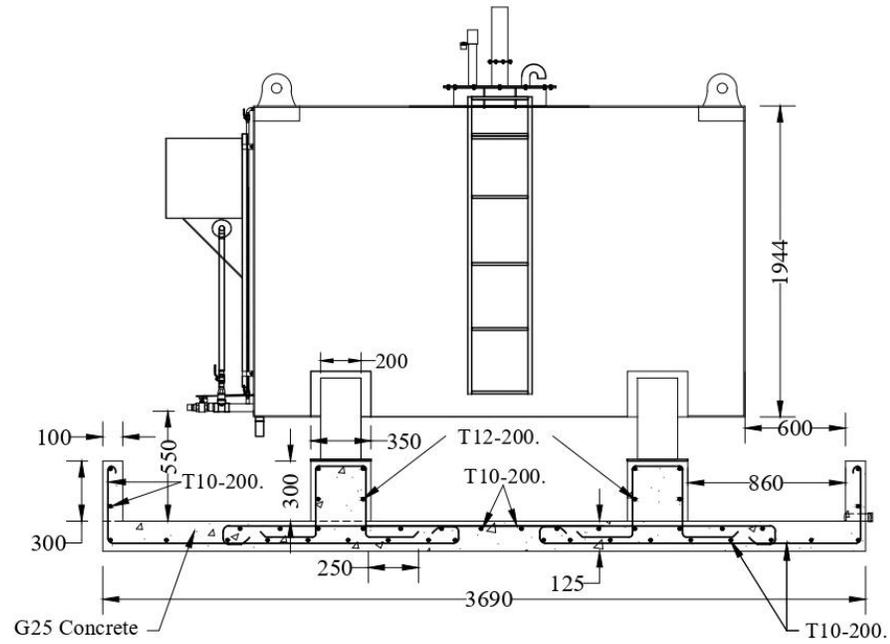


**ELEVATION**

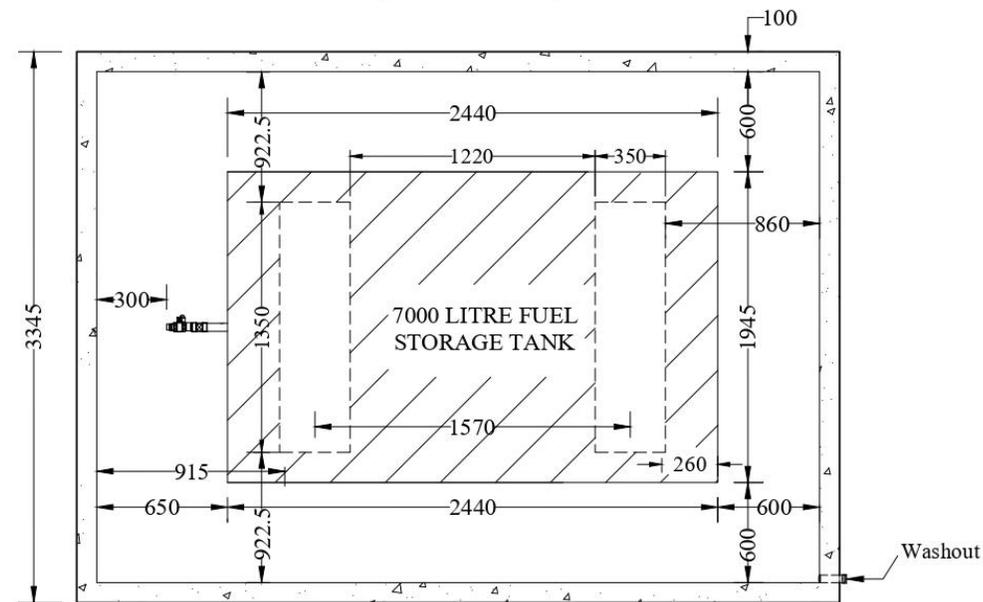


**PLAN**

**Mounting Structure For Diesel Storage Tank : 4000L**

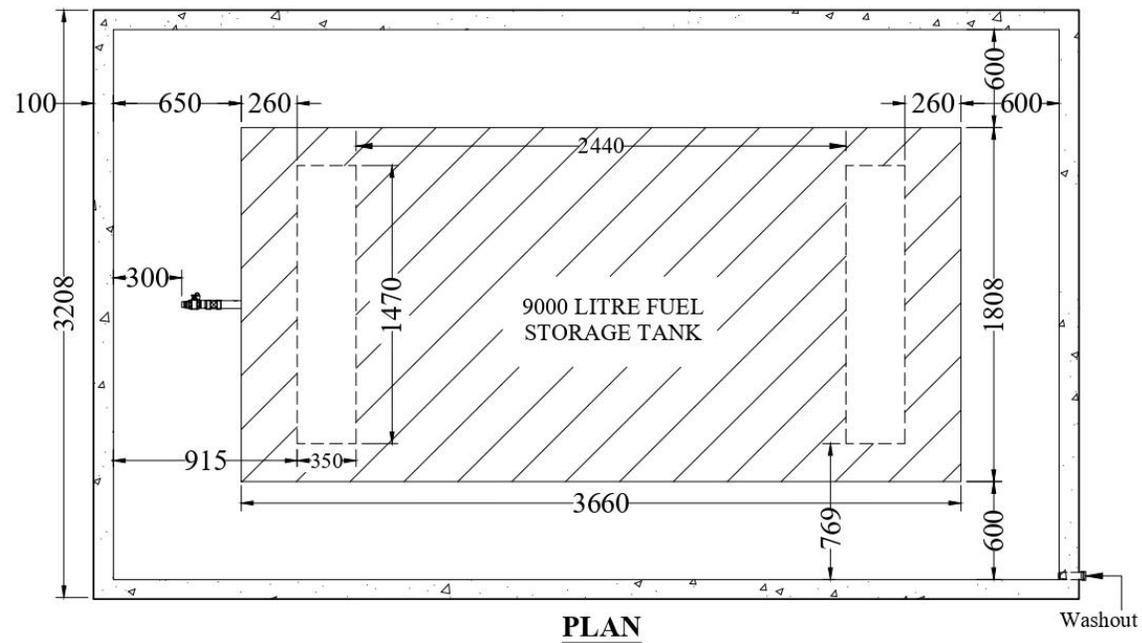
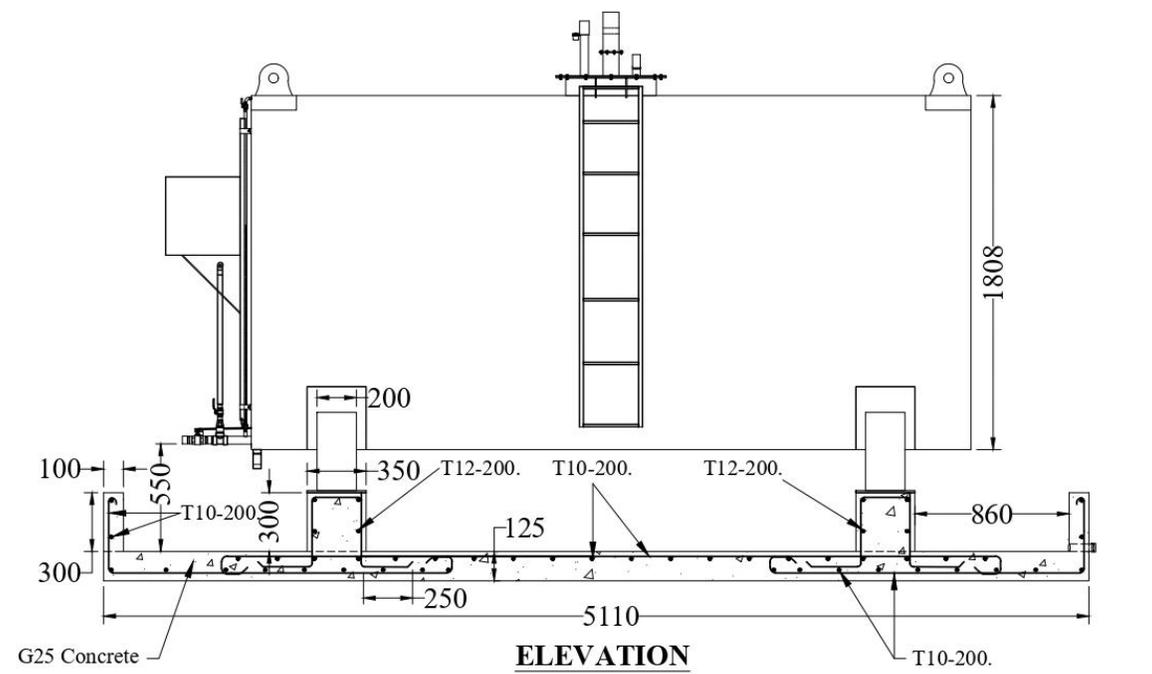


**ELEVATION**

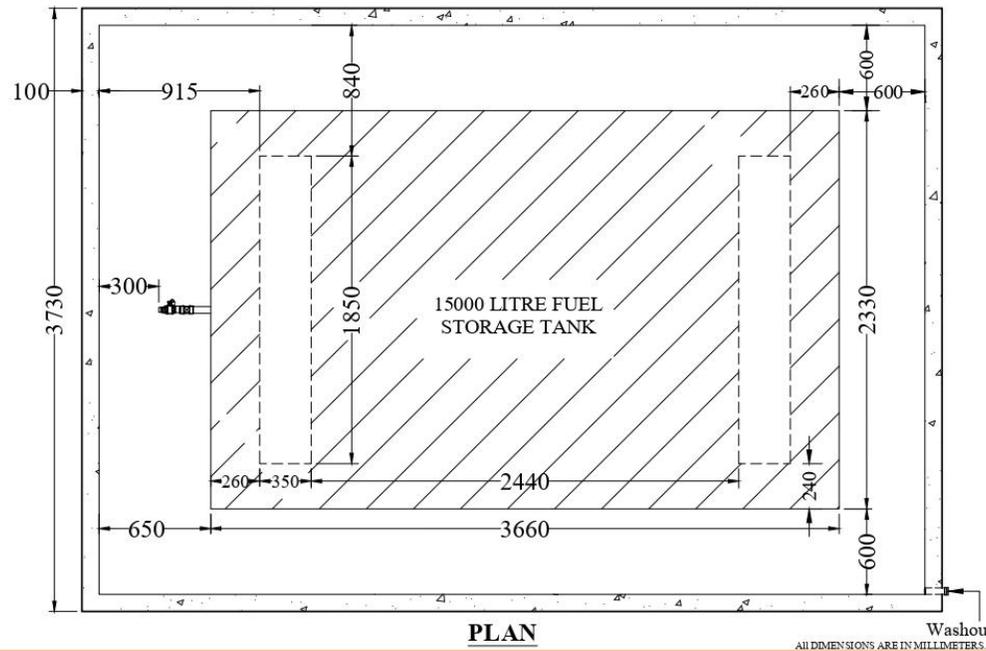
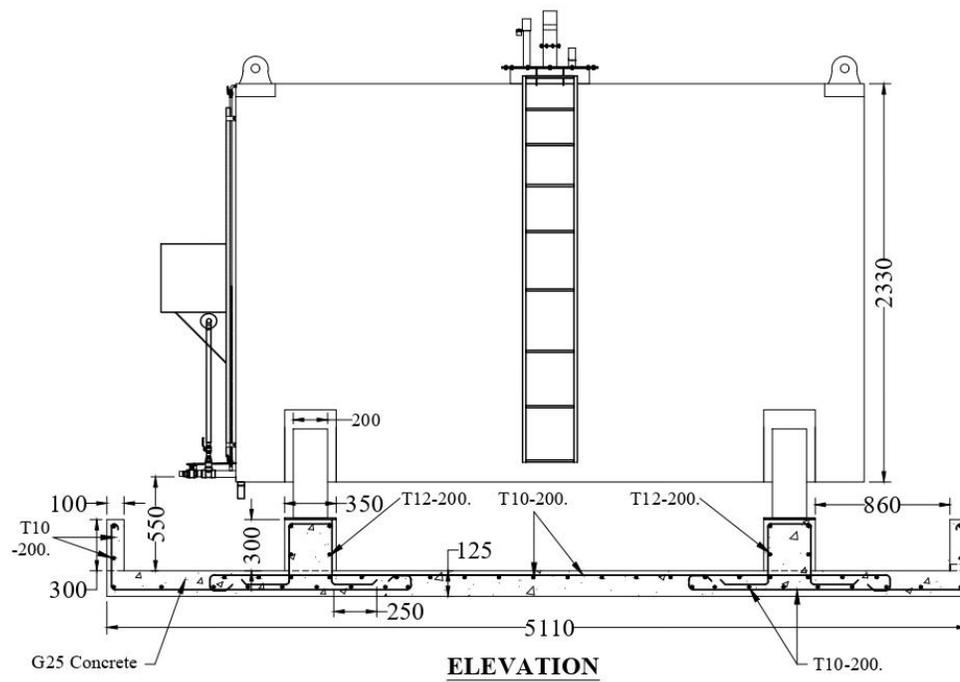


**PLAN**

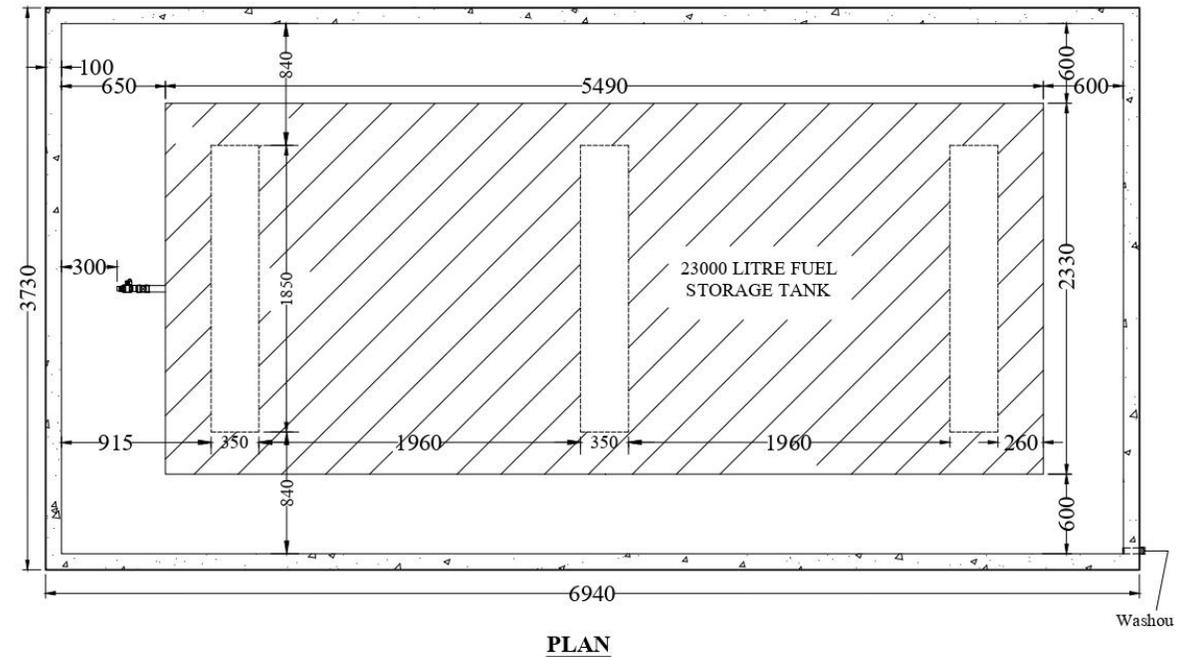
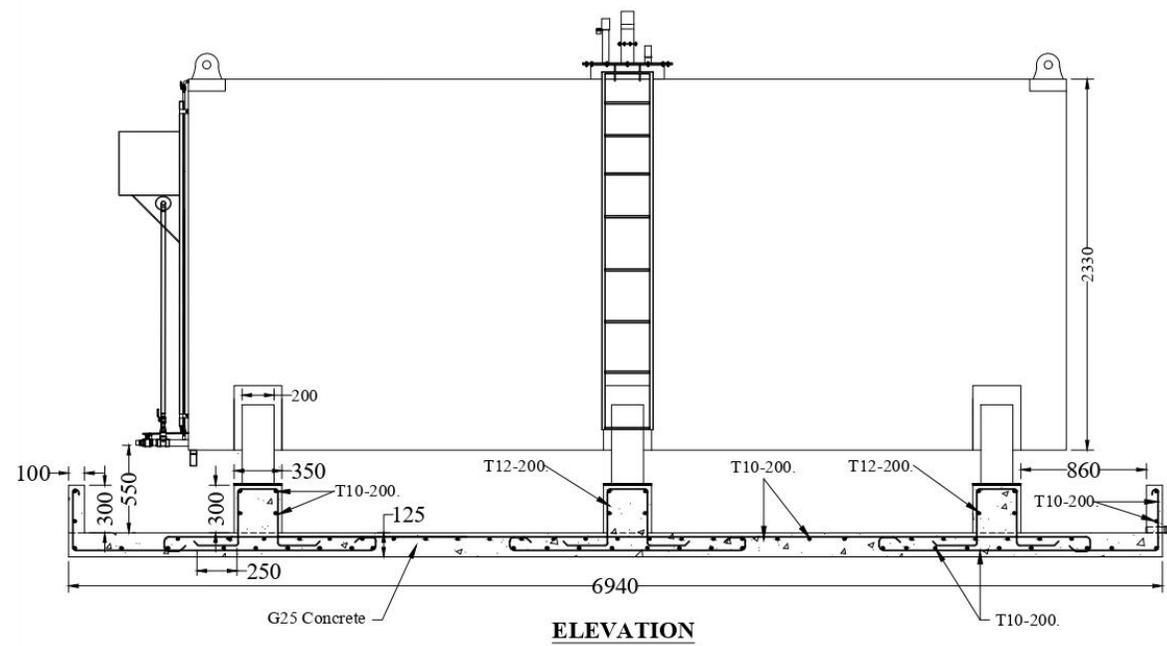
**Mounting Structure For Diesel Storage Tank : 7000L**



**Mounting Structure For Diesel Storage Tank : 9000L**



**Mounting Structure For Diesel Storage Tank : 15000L**

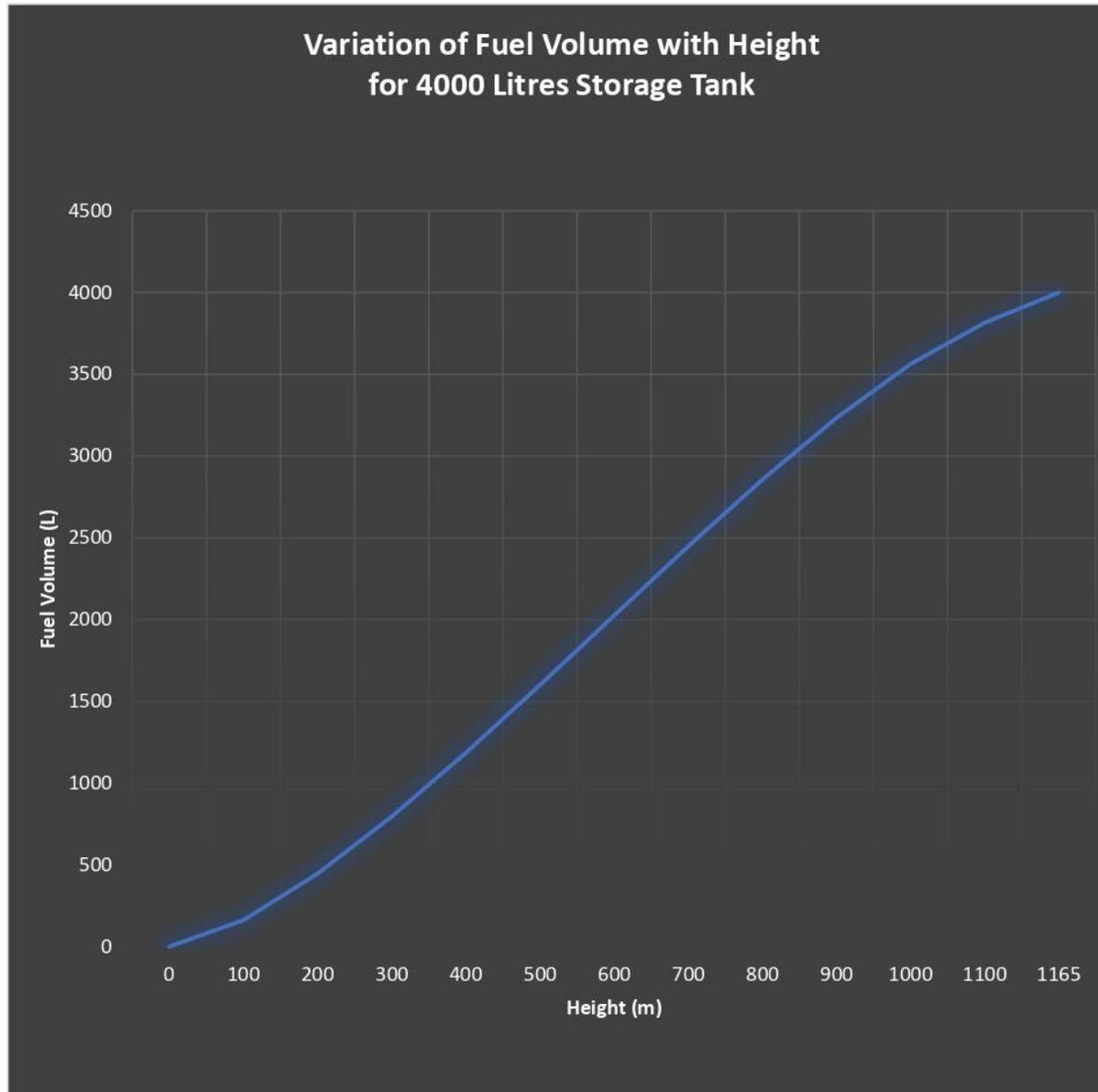


**Mounting Structure For Diesel Storage Tank : 23000L**

# VARIATION OF FUEL VOLUME WITH HEIGHT FOR 4000L FUEL STORAGE TANK

Height (mm)	Volume (L)
0	0
100	162
200	446
300	795
400	1185
500	1600
600	2025
700	2448
800	2856
900	3234
1000	3564
1100	3816
1165	4000

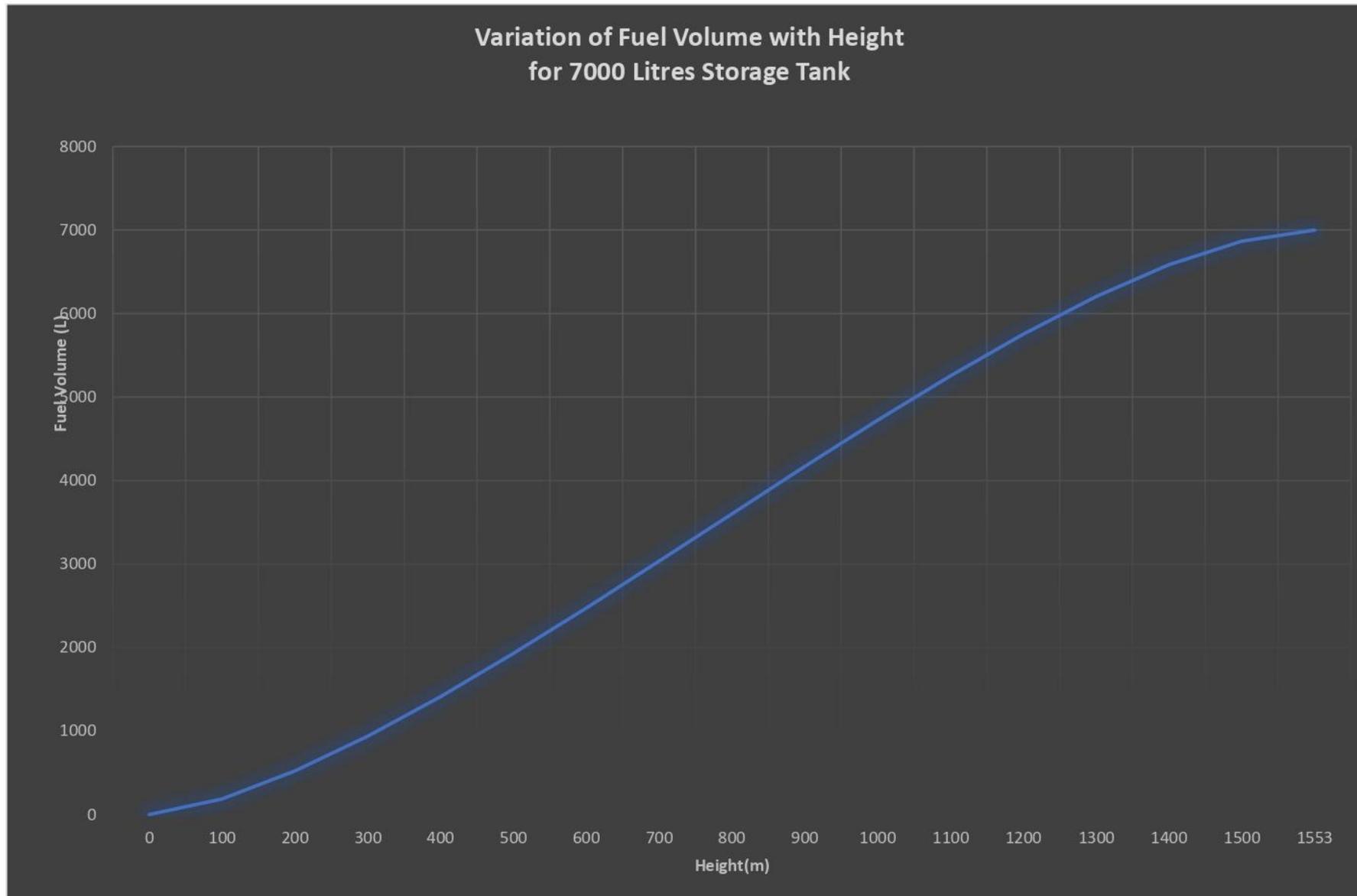
# VARIATION CHART : 4000L FUEL STORAGE TANK



# VARIATION OF FUEL VOLUME WITH HEIGHT FOR 7000L FUEL STORAGE TANK

Height (mm)	Volume (L)
0	0
100	188
200	522
300	940
400	1414
500	1929
600	2473
700	3034
800	3600
900	4168
1000	4722
1100	5254
1200	5752
1300	6202
1400	6585
1500	6866
1553	7000

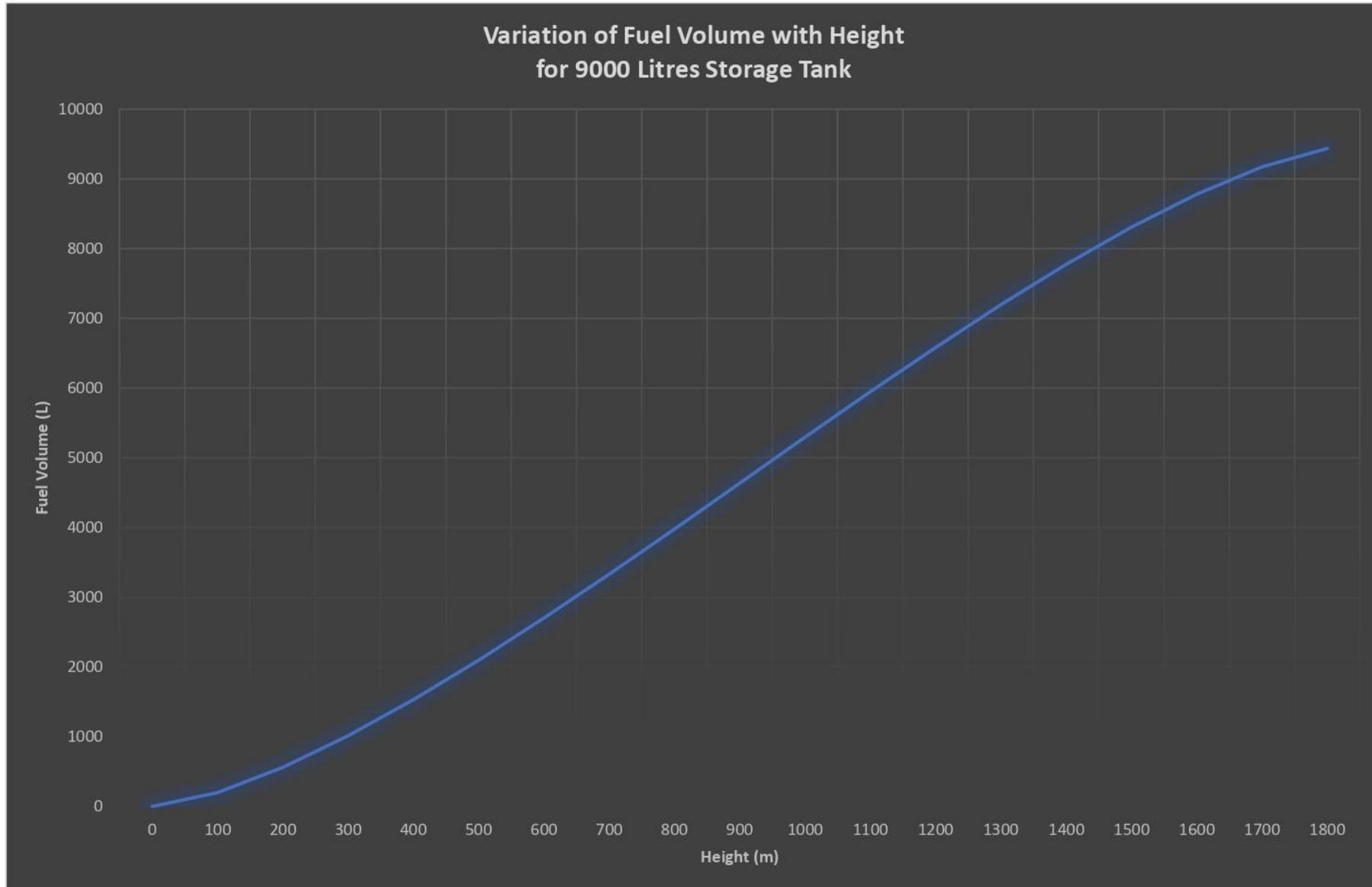
# VARIATION CHART : 7000L FUEL STORAGE TANK



# VARIATION OF FUEL VOLUME WITH HEIGHT FOR 9000L FUEL STORAGE TANK

Height (mm)	Volume (L)
0	0
100	201
200	561
300	1012
400	1530
500	2097
600	2700
700	3331
800	3978
900	4635
1000	5294
1100	5945
1200	6581
1300	7194
1400	7773
1500	8307
1600	8780
1700	9171
1800	9435

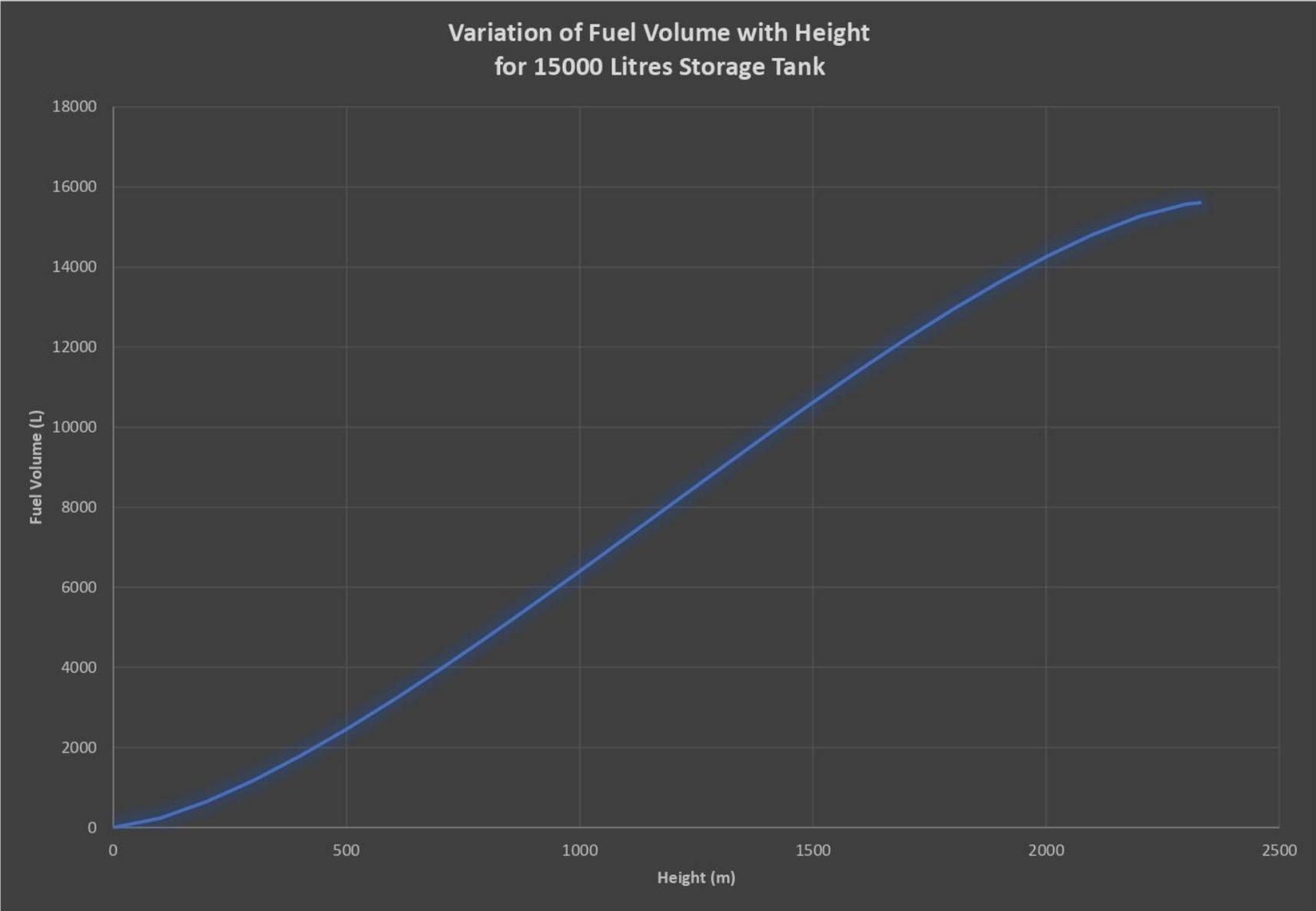
# VARIATION CHART : 9000L FUEL STORAGE TANK



# VARIATION OF FUEL VOLUME WITH HEIGHT FOR 15000L FUEL STORAGE TANK

Height (mm)	Volume (L)
0	0
100	233
200	649
300	1176
400	1784
500	2457
600	3181
700	3945
800	4742
900	5563
1000	6400
1100	7249
1200	8101
1300	8952
1400	9793
1500	10620
1600	11424
1700	12200
1800	12936
1900	13626
2000	14255
2100	14809
2200	15262
2300	15567
2330	15606

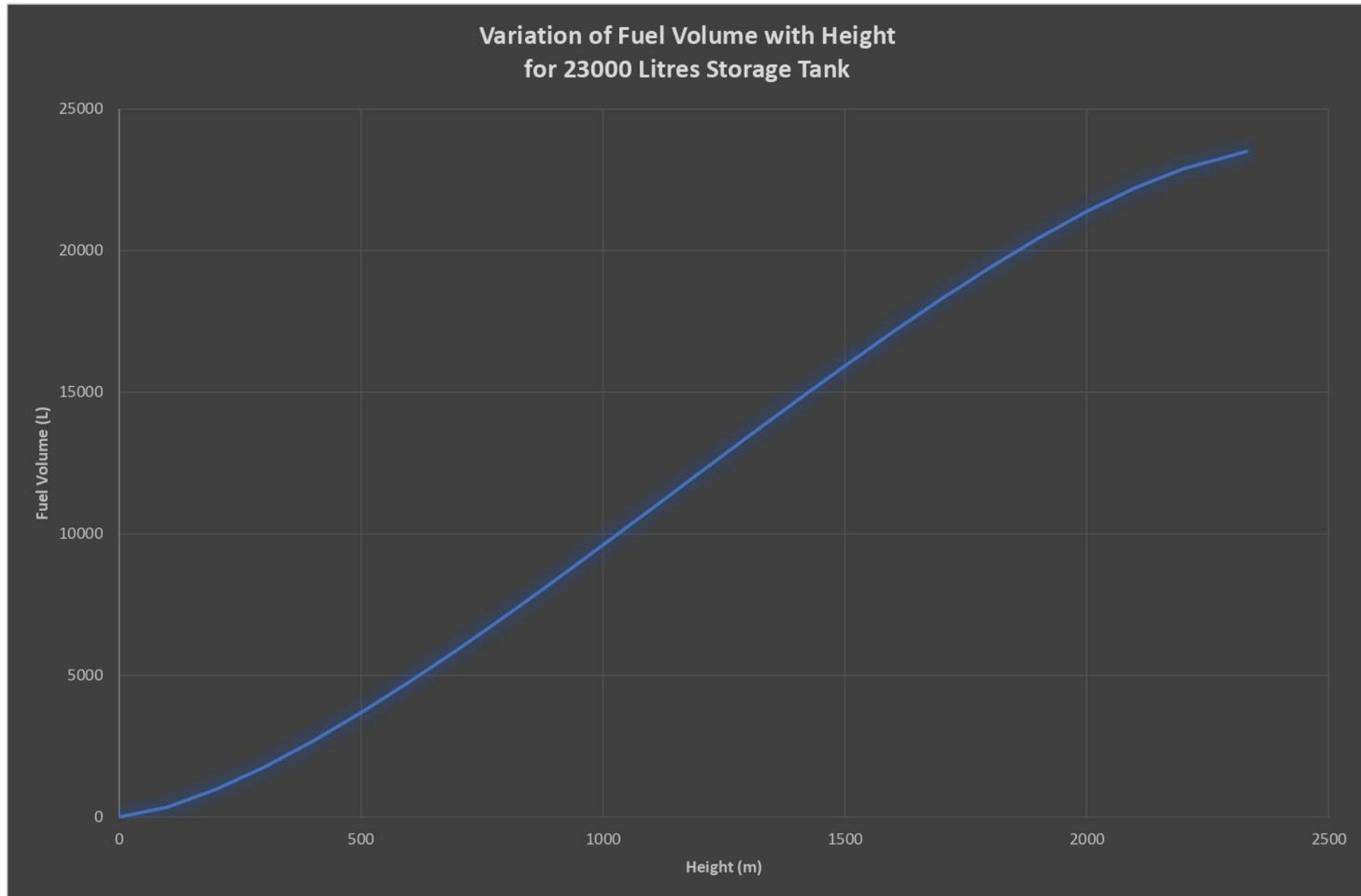
# VARIATION CHART : 15000L FUEL STORAGE TANK



# VARIATION OF FUEL VOLUME WITH HEIGHT FOR 23000L FUEL STORAGE TANK

Height (mm)	Volume (L)
0	0
100	349
200	973
300	1763
400	2676
500	3685
600	4771
700	5918
800	7113
900	8344
1000	9601
1100	10873
1200	12152
1300	13427
1400	14690
1500	15930
1600	17137
1700	18299
1800	19405
1900	20439
2000	21383
2100	22213
2200	22894
2330	23500

# VARIATION CHART : 23000L FUEL STORAGE TANK



# PROCEDURE TO SELECTING YOUR TANK

**STEP 01 : SELECT TANK SIZE, THICKNESS  
AND WITH OR WITHOUT PTO PUMP**

**02 : SELECT THE ACCESSORIES**

**STEP 03 : WITH OR WITHOUT DISPENSER UNIT**

# COMPONENTS WITH THE FUEL PUMP

## THE COMPONENTS INCLUDES

- **ST WITH METER UNIT**
- **METER**
- **DELIVERY HOSE**
- **NOZZLE**
- **NOZZLE HOLDER**
- **INSTRUCTION MANUAL**

# TYPE OF DISPENSER UNIT

TYPE	DESCRIPTION
FILL-RITE	Rite FR 701 VGL Heavy Duty Fuel Transfer Pump
PIUSI	<i>OPTION 01</i> : Piusi Model ST Panther 56 K33 Fuel Transfer Pump
	<i>OPTION 02</i> : Piusi Model ST Panther 72 K44 Fuel Transfer Pump

# FILL - RITE

## FR701 VGL HEAVY DUTY PUMP



### DESCRIPTION

- A complete line of **meters and accessories** - can **customize your fuel transfer system.**
- **Fuel transfer equipment** – A simple mechanical meter, a hose, and a **manual nozzle.**
  - (Automatic nozzle is optional).
- **Manufactured** from only the highest quality materials like **cast iron, sintered bronze**
- Pumps provide exceptional **durability for a wide variety of fuels.**

# FILL-RITE

## SPECIFICATION

### **Make USA**

Flow Rate up to 20/75 Inlet/Outlet 1 1/4" / 3/4" Horse Power 1/3

Amps 5.5

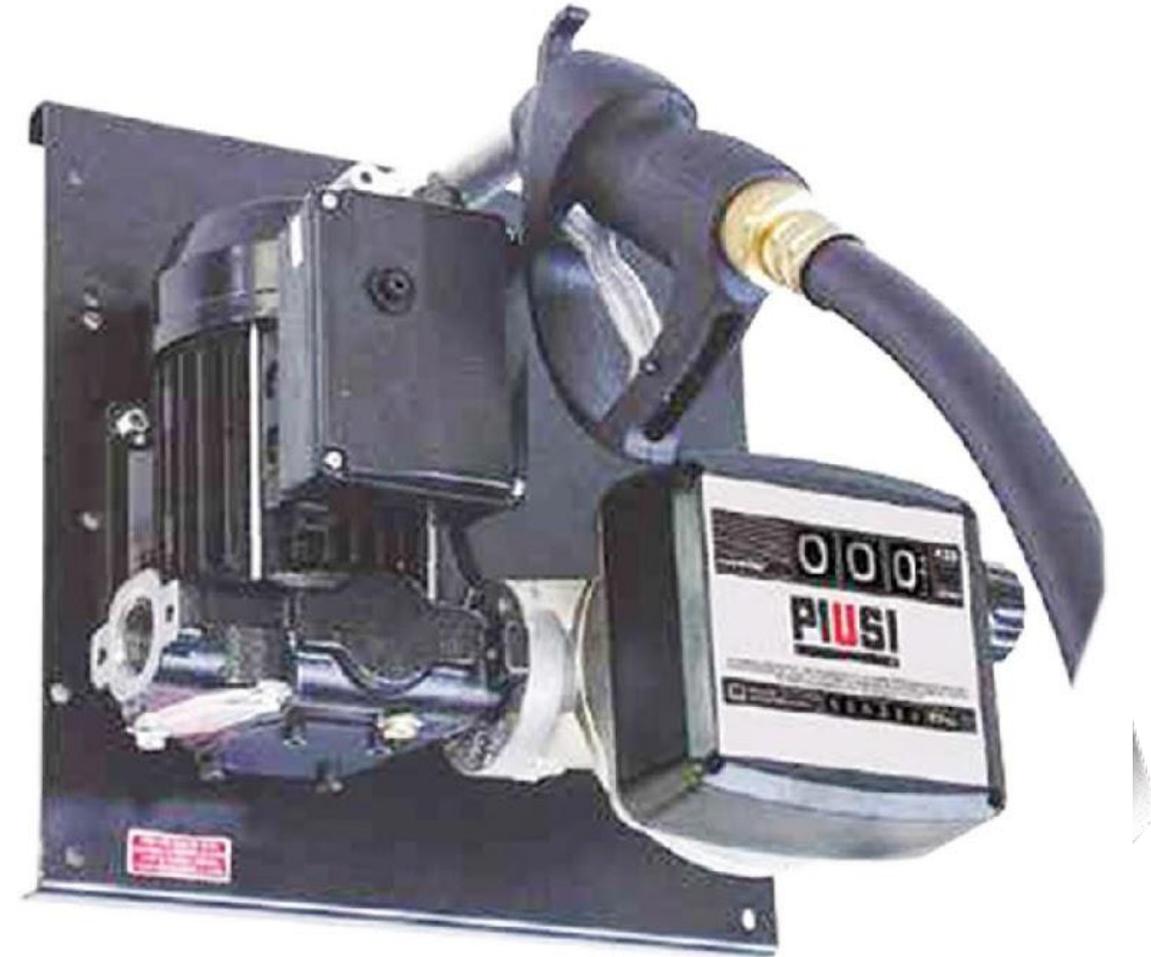
Power AC 230

Body - Cast Iron

Nozzle - manual

Hose Length 12'

# PIUSI ST WITH METRE



## DESCRIPTION

- A diesel transfer station for fixed installations composed by AC
- Ready to use and easy to install
- Sturdy structure
- High precision meter
- Available with different pumps

# PIUSI

## SPECIFICATION

### **Make Italy**

Description- ST Panther 72 K44 and Flow Rate 72 L/min

Operating Voltage 230 VAC/50Hz

Meter- Piusi Model K44, 4 Digit Mechanical Meter Totalizer- 7 Digits Mechanical

Inlet - 3/4" and Hose Length 4m '

### **Make Italy**

Description- ST Panther 56 K33 and Flow Rate 56 L/min

Operating Voltage 230 VAC/50Hz

Power -350W

Meter- Piusi Model K33, 3 Digit Mechanical Meter Totalizer- 6 Digits Mechanical

Inlet - 3/4" and Hose Length 4m '

# TYPE OF FUEL TRANSFER PUMP

TYPE	DESCRIPTION
PTO	PTO Diesel Transfer Pump

# PTO – POWER TAKE OFF PUMP



## DESCRIPTION

- Used to transfer fuel from a bowser to the storage tank
- Pipe Size (Inch): 2"X2"
- Maximum Total Head (Feet): 60  
Maximum Capacity (GAL/H): 6000
- Middle Range Output Head(FT.): 25  
Middle Range Output GAL/HR: 4200
- H.P: 1.5  
AMP: 8.5

# PTO – POWER TAKE OFF PUMP

## SPECIFICATION

Model SX 218/1.5

Type End Suction Centrifugal Inlet / Out Let 2" X 2"

Rated Voltage : 230V Single Phase

Speed : 2850 RPM

Max Head 18.3 M /60ft,318 L/M At7.6m Head, 4200GPH AT 25FT HEAD,

Motor Type -Class F , Ip 54

Motor Power - 1.5 Hp/ 1.1kw / 1 Phase Motor Shaft- Stainless Steel

Pump Casing -Cast Iron

Impeller- Cast Iron

Sealing-Carbon Ceramic

# TYPE OF FUEL PUMP – BOWSER MOBILE PUMP

**FR2411HL DC FILLRITE PUMP**



**FR1211HL DC FILLRITE PUMP**



# FIRE EXTINGUISHER - EMERGENCY



## SPECIFICATION / DESCRIPTION

- Air foam
- Dry Powder
- Carbon Dioxide
- Sand Bucket

# DIESEL STORAGE TANK



# PRICE LIST FOR FUEL STORAGE TANK - ABOVE GROUND

Supply and Fabrication of Fuel Storage Tank ( Above Ground ) with necessary accessories and according to the CPC Standard						
No	Description	Size of Tank Length & Diameter	3mmThick Mild Steel (Rs.)	4mmThick Mild Steel (Rs.)	5mmThick Mild Steel (Rs.)	6mmThick Mild Steel (Rs.)
1	4000 Litre Storage Tank	12' 0" x 3'10"	1,200,000.00	1,350,000.00	1,490,000.00	1,600,000.00
2	7000 Litre Storage Tank	8' 0" x 6' 4"	1,450,000.00	1,650,000.00	1,860,000.00	2,035,000.00
3	9000 Litre Storage Tank	12' 0" x 6' 0"			2,010,000.00	2,200,000.00
4	15000 Litre Storage Tank	12' 0" x 7' 8"				2,800,000.00
5	23000 Litre Storage Tank	17' 4" x 7' 8"				3,740,000.00

Note :-

Above price excludes the Fuel Dispenser Unit

# PRICE LIST FOR FUEL DISPENSER - ABOVE GROUND

No	FUEL DISPENSER UNIT	Price (Rs.)
1	<p><b>Option -01</b></p> <p>Supply of <b>Fill-Rite FR 701 VGL Heavy Duty Fuel Dispenser Unit</b> ( Use for Fuel Storage Tank)</p> <p><b>Specification:</b>  <b>Make USA</b>, Flow Rate up to 20/75,Inlet/Outlet 1 1/4" / 3/4",Horse Power 1/3,Amps 5.5,Power AC 230,Body - Cast Iron, Nozzle - manual, Hose Length 12'</p>	
2	<p><b>Option -02</b></p> <p>Supply of <b>Piusi Model ST Panther 56 K33 Dispenser Unit</b> Equipped with Automatic Nozzle</p> <p><b>Specification:</b>  <b>Make Italy</b>, Description- ST Panther 56 K33,Flow Rate 56 L/min,Operating Voltage 230 VAC/50Hz,Power -350W,Meter- Piusi Model K33, 3 Digit Mechanical Meter, Totalizer- 6 Digits Mechanical, Inlet - 3/4",Hose Length 4m '</p>	550,000.00
3	<p><b>Option -03</b></p> <p>Supply of <b>Piusi Model ST Panther 72 K44 Dispenser Unit</b> Equipped with Automatic Nozzle</p> <p><b>Specification:</b>  <b>Make Italy</b>, Description- ST Panther 72 K44,Flow Rate 72 L/min,Operating Voltage 230 VAC/50Hz,Meter- Piusi Model K44, 4 Digit Mechanical Meter, Totalizer- 7 Digits Mechanical, Inlet - 3/4",Hose Length 4m '</p>	595,000.00

# PRICE LIST FOR FUEL POWER TAKE OFF PUMP

No	POWER TAKE-OFFS PUMP (PTO PUMP)	Price (Rs.)
1	<p>Supply and Installation of <b>PTO Diesel Transfer Pump</b></p> <p><b>Specification:</b></p> <p><b>Model SX 218/1.5</b>, Type End Suction Centrifugal, Inlet / Out Let 2" X 2", Max Head 18.3 M /60ft, 318 L/M At 7.6m Head, 4200GPH AT 25FT HEAD, Motor Type -Class F , Ip 54, Motor Shaft- Stainless Steel , Pump Casing -Cast Iron, Impeller- Cast Iron, Sealing-Carbon Ceramic.</p>	340,000.00

# PRICE LIST FOR FIRE EXTINGUISHERS

No	FIRE EXTINGUISHERS	Price (Rs.)
1	<b>Included Item</b> Air Foam (stored Pressure)- One Number Dry Power (Stored Pressure)- One Number Carbon Dioxide - One Number Sand - 4 Bucket with steel structure Frame works	175,000.00
No	TRAILER BOWSER	Price (Rs.)
1	<b>Supply of Trailer Bowser</b> Specification:- 3mm thick Ms Sheet, Trailer Axle Rim, 750x16 Tyre, Outlet 2'' dia Ball Valve and Brake light One Year Warranty for Tank	1,045,000.00

# SOAP SOLUTION PRESSURE TEST CERTIFICATE

FACTORIES

Form 7

The Factories Ordinance, No. 45 of 1942 (Section 36)  
Report of the Results of Examination of Air Receiver

1. Address of - (a) Factory .. .. (b) Head Office of occupier - (Address (b) should be given only in the case of a receiver used in a temporary location where building operation or work of engineering construction is carried on) .. ..	Ever Fresh Lanka (Pvt)Ltd No 306/13, Hospital Road, Biyagama
2. Name of occupier .. ..	Ever Fresh Lanka (Pvt)Ltd
3. Description and distinguishing mark of the air receiver and type .. ..	15000L Horizontal Cylindrical Tank
4. Date of construction (if ascertainable)- The history of the air receiver should be briefly given and the examiner should state whether he has seen the last previous report) ..	9th August 2022
5. Date of last hydraulic test (if any), and pressure applied	11th August 2022
6. Air receiver- (a) What parts (if any) were inaccessible? (b) What examination and tests were made ? (c) Condition of receiver - External .. .. Internal .. .. (State any defects materially affecting the safe working pressure)	Pressure Test with Soap Solution at 8 PSI Rectify all seamless welding with air leaks in tank
7. Fittings - Are the required fittings and appliances provided in accordance with the Ordinance? .. Are all fittings and appliances properly maintained and in good condition ? .. ..	Yes, Valve Fittings to meet CPC Standards
8. Repairs (if any) required, and the period within which they should be executed and any other condition which the person making the examination thinks it necessary to specify for securing safe working .. ..	
9. Safe working pressure, calculated from dimensions and from the thickness and other data ascertained by the present examination, due allowance being made for conditions of working if they are unusual or exceptionally severe: Where repairs affecting the working pressure are required, state the safe working pressures - (a) before the expiration of the period specified in cage 8 (b) after the expiration of such period, if the required repairs have not been completed. (c) after the completion of the required repairs.	

FACTORIES

10. Points reserved for examination when the air receiver is under pressure .. ..	Pipes Line , Bends
11. Date before which the next thorough examination should be carried out .. ..	
12. Other observations .. ..	

\*(Subject to the reservation of certain points for examination where the air receiver is under pressure), I certify that on **12th August 2022**, the air receiver described above was thoroughly clean and (so far as its construction permits) made accessible for a thorough examination and for such tests as were necessary for a thorough examination and that on the said date I thoroughly examined this receiver, including its fittings, and that the above is a true report of the result of the examination.

If employed by a company or an association,

give the name and address of the company or association: Threesinha Industries (Pvt)Ltd  
No 448, Nawala Rd, Koswatta, Rajagiriya.



Signature : .. ..  
Qualifications: C.Eng.MICE, Consultant Engineer,  
Name and address: 235/4, Old Nawala Road, Nawala  
Date: 12/08/2022

(Space for continuation of entries.)

Note:- (1) According to the type of air receiver, facilities should be given by the occupier for such examination (internal and external), hammer testing, drilling, lifting, hydraulic testing, or other means of testing as may be necessary for a thorough examination.

(2) This report should be entered in or attached to the general register kept under section 92 of the Ordinance and a duplicate or certified copy should be sent to the District Factory Inspecting Engineer of Factories and the Chief Inspector of Factories.

\* If no points have been reserved for examination where the receiver is under steam pressure, the words in brackets should be deleted.

# WARRANTY CARD - TANK



## IKLO INDUSTRIES

A Subsidiary Company of Three Sinha Group

**Head Office** - 44B, Nawala Road, Koswatta, Rajagiriya, Sri Lanka  
**Factory** - 95 B, Millewa Industrial Zone, Kindeipitiya, Millewa, Sri Lanka  
Tel: 0117 83 83 83 Hotline: 0778 65 65 65  
Tel: Accounts / Admin - 0768 768 240 Email: accounts@iklo.lk  
Tel: Sales / Projects - 0768 768 238 Email: projects1@iklo.lk

Date: 13 / 08 / 2022

Ref. No.:

### WARRANTY CERTIFICATE – DIESEL STORAGE TANK

PROJECT NAME :

PROJECT NUMBER :

CLIENT NAME :

EMERGENCY CONTACT:

#### 1. Selfcare and Maintenance:

- The customer must take due diligence in keeping the Diesel Storage Tank clean and protected together with the Fuel Dispenser Unit.
- Make sure that no animal or its habitats affect the Tank, Dispenser
- Contact IKLO INDUSTRIES in the event of any fault or related matter arises in respect of the Tank. **0117 83 83 83/ 0778 65 65 65**

#### 2. Product/ Workmanship Warranty:

**2.1** This Warranty Card will only be valid when it is produced along with the Official Final Settlement Receipt.

**2.2** This Warranty Card along with Official Final Receipt must be produced in lieu of obtaining Services during the period of Warranty or if requested for same by IKLO INDUSTRIES.

**2.3** If the Tank which comes within this warranty has been repaired and /or serviced by any other person other than by an authorized IKLO INDUSTRIES Technician, this warranty will cease to operate.

**2.4** This Warranty does not cover any damages caused by accident, lightening, floods, rain, cyclone, tsunami, act of God or similar circumstances or any other natural disaster and resulting situations from any one of the above events.

**2.5** The Warranty does not extend for damages caused due to animal influence, burglary, related matters or damages caused by accidents.

**2.6** Terms & conditions of this Warranty Card will be strictly limited to the above and no other documents will be entertained as a Warranty.

**2.7** This Warranty does not valid if IKLO INDUSTRIES does not undertake to fix the items.

**2.8** No person other than person named in the Warranty card could seek to benefit from the Warranty.

**2.9** The Warranty period for the Tank is one year and this Certificate validity period shall effect from 13/08 /2022.

Regards,

.....

Manager- Admin/Accountant

Date:-.....



# WARRANTY CARD - PUMP



## IKLO INDUSTRIES

A Subsidiary Company of Three Sinha Group

**Head Office** - 448, Nawala Road, Koswatta, Rajagiriya, Sri Lanka.  
**Factory** - 96 B, Millewa Industrial Zone, Kindelipitiya, Millewa, Sri Lanka.  
Tel: 0117 83 83 83 Hotline: 0778 65 65 65  
Tel: Accounts / Admin - 0768 768 240 Email: accounts@iklo.lk  
Tel: Sales / Projects - 0768 768 238 Email: projects1@iklo.lk

Date: \_\_/\_\_/2022

Ref. No.:

### WARRANTY CERTIFICATE – FUEL DISPENSER UNIT & PUMP

**PURCHASER** :

**PROJECT NAME** :

**DESCRIPTION** :

**PROJECT NUMBER** :

**CLIENT NAME** :

**EMERGENCY CONTACT:**

#### **1. Selfcare and Maintenance:**

- The customer must take due diligence in keeping the fuel dispenser unit clean and protected.
- Make sure that no animal or its habitats affect the Dispenser
- Contact IKLO INDUSTRIES in the event of any fault or related matter arises in respect of the fuel dispenser unit. **0117 83 83 83 / 0778 65 65 65**

#### **2. Product/ Workmanship Warranty:**

**2.1** This Warranty Card will only be valid when it is produced along with the Official Final Settlement Receipt.

**2.2** This Warranty Card along with Official Final Receipt must be produced in lieu of obtaining Services during the period of Warranty or if requested for same by IKLO INDUSTRIES.

**2.3** If the fuel dispenser unit which comes within this warranty has been repaired and /or serviced by any other person other than by an authorized IKLO INDUSTRIES Technician, this warranty will cease to operate.

**2.4** This Warranty does not cover any damages caused by Electrical Systems due to overload, in overheating and fuse off in machinery, Usage dry Run in the Pump Unit, accident, lightning, floods, rain, cyclone, tsunami, act of God or similar circumstances or any other natural disaster and resulting situations from any one of the above events.

**2.5** The Warranty does not extend for damages caused due to animal influence, burglary, related matters or damages caused by accidents.



www.iklo.lk  
ikloindustries  
iklo\_industries

# WARRANTY CARD - PUMP

Continuation.....

**2.6** Terms & conditions of this Warranty Card will be strictly limited.

- Turn off the engine before you are fuelling.
- Refrain from smoking or lightning flame.
- Take 15 minutes Intervals between every 1000L delivery.
- Clean oil filtration system every 03 months to avoid clogs, blockages

**2.7** This Warranty does not valid if IKLO INDUSTRIES does not undertake to fix the items.

**2.8** No person other than person named in the Warranty card could seek to benefit from the Warranty.

**2.9** If any damage to the pump, flow meter or accessories by third-party installation, the warranty will be seized

**2.10** One-year warranty from the date of invoice for manufacturing defect only and this Certificate validity period shall effect from ...../..... /2022.

Regards,

.....

**Manager- Admin/Accountant**

Date:-.....



**ඉන්ධන පොම්ප භාවිතය සඳහා උපදෙස්**

**P.T.O පොම්පය සහිත බවුසරය භාවිතයෙන් ඉන්ධන ගබඩා කිරීම සඳහා උපදෙස්**

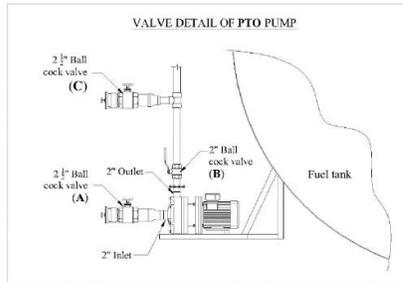
- ❖ P.T.O පොම්පය සහිත බවුසරය භාවිතයෙන් ඉන්ධන ටැංකියට ඉන්ධන පිරවීමේදී A සහ B යන කරාම වසා C කරාමය විවෘත කර ඉන්ධන ගබඩා කිරීම ආරම්භ කළ යුතුය.

**P.T.O පොම්පය නොමැති බවුසරය මගින් ඉන්ධන ගබඩා කිරීම සඳහා උපදෙස්**

- ❖ දී ඇති රූප සටහනේ පරිදි C කරාමය වසා A සහ B යන කරාම විවෘත කර ඉන්ධන බවුසරයේ බට ලැයිත් සමග සම්බන්ධ කර විනාඩි 2ක පමණ කාලයක් තබා ඉන්ධන ගබඩා කිරීම ආරම්භ කළ යුතුය.
- ❖ බවුසරයේ සියලුම ඉන්ධන ගබඩා කිරීම අවසන් වූ පසු A සහ B යන කරා දෙක වසා බවුසරයේ ඉන්ධන බටය ඉවත් කළ යුතුය.

**පහත සඳහන් කරුණු වගකීම් සහතිකය සඳහා බලපානු නොලැබේ.**

- ❖ පොම්පය අධික උණුසුම් වන තුරු ක්‍රියාත්මක කර එහි ඇති ෆියුස් ක්‍රියා විරහිත වීම
- ❖ පොම්පය විසඳී ධාවනය (ඉන්ධන රහිතව ධාවනය කිරීම)
- ❖ ස්වභාවික අනතුරු (අකුණු සැර වැදීම, ගංවතුර, වර්ෂාව, සුළි කුණාටු, සුනාමි හෝ ඒ සමාන තත්වයන්)
- ❖ විදුලි පද්ධතිය මගින් සිදුවන හානි (overload)
- ❖ සෑම ඉන්ධන බෙදා හැරීමකදී මිනිත්තු 15 හෝ ලීටර 1000 ප්‍රමාණයක් හිඟත් කළ පසු විනාඩි 10 පරතරයක් තබා නැවත ඉන්ධන හිඟත් කිරීම ආරම්භ කළ හැක.
- ❖ අවහිරතා වලක්වා ගැනීම සඳහා සෑම මාස 3කට වරක් හෙල් පෙරීමේ පද්ධතිය පිරිසිදු කරන්න
- ❖ තෙවන පාර්ශවීය ස්ථාපනයේදී පොම්පය මීටරය හා උපාංග සඳහා හානියක් සිදු වුවහොත් වගකීම් සහතිකය අවලංගු වේ
- ❖ ඉහත සඳහන් හානි නිසා සිදුවන දෝෂයන් සඳහා වගකියනු නොලැබේ.



# ISO CERTIFICATE

Certificate LK22/00000173, continued  
**THREE SINHA INDUSTRIES  
(PVT) LTD**

ISO 9001:2015

Issue 1
Sites
THREE SINHA INDUSTRIES (PVT) LTD 448, Nawala Road, Koswatte, Rajagiriya, Sri Lanka
THREE SINHA INDUSTRIES PRIVATE Site 1- No. 159, M. D. H., Jayawardena Mawatha, Madinagoda Road, Rajagiriya, Sri Lanka



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SGS

Certificate LK22/00000173

The management system of

**THREE SINHA INDUSTRIES  
(PVT) LTD**

448, Nawala Road, Koswatte, Rajagiriya, Sri Lanka

has been assessed and certified as meeting the requirements of  
**ISO 9001:2015**

For the following activities  
The Scope of Registration appears on page 2 of this certificate



This certificate is valid from 28 June 2022 until 28 June 2025 and remains valid subject to satisfactory surveillance audits.  
Issue 1. Certified since 28 June 2022.  
Certified activities performed by additional sites are listed on subsequent pages.

Authorised by

SGS United Kingdom Ltd  
Rosemore Business Park, Ellesmere Port, Cheshire, CH65 5EN, UK  
t+44 (0)151 350-6666 - www.sgs.com



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Certificate LK22/00000173, continued

**THREE SINHA INDUSTRIES  
(PVT) LTD**

ISO 9001:2015

Manufacturing & Installation of Roller Door with Motor & Remote Control, Roller Door without Motor, Wicket Gate with Motor & Remote Control, Roller Shutter with Motor & Remote Control, Steel Door, Aluminium Door & Window Shutter, Swing Gate with Motor & Remote Control, Sliding Gate with Motor & Remote Control, Stainless steel Hand Rail, Stainless Steel products, Stainless Steel Pantry Cupboards, Canopy, Aluminium window shutter with Motor & Remote Control, Steel fabrication & Pre Fabricated Building Importing, sales & marketing and Installation of Over Head Door with Motor & Remote Control, Steel Fire Door - 1 Hour, 2 hours, Timber Fire Door - 1 Hour, 2 hours, Steel Fire Shutter with Motor & Remote Control, Barriers with Motor & Remote Control, Video Door Phone, Video Door with Electric Lock, Retractable Gate with Motor & Remote Control, Web Cam Camera, Barrier access control system.

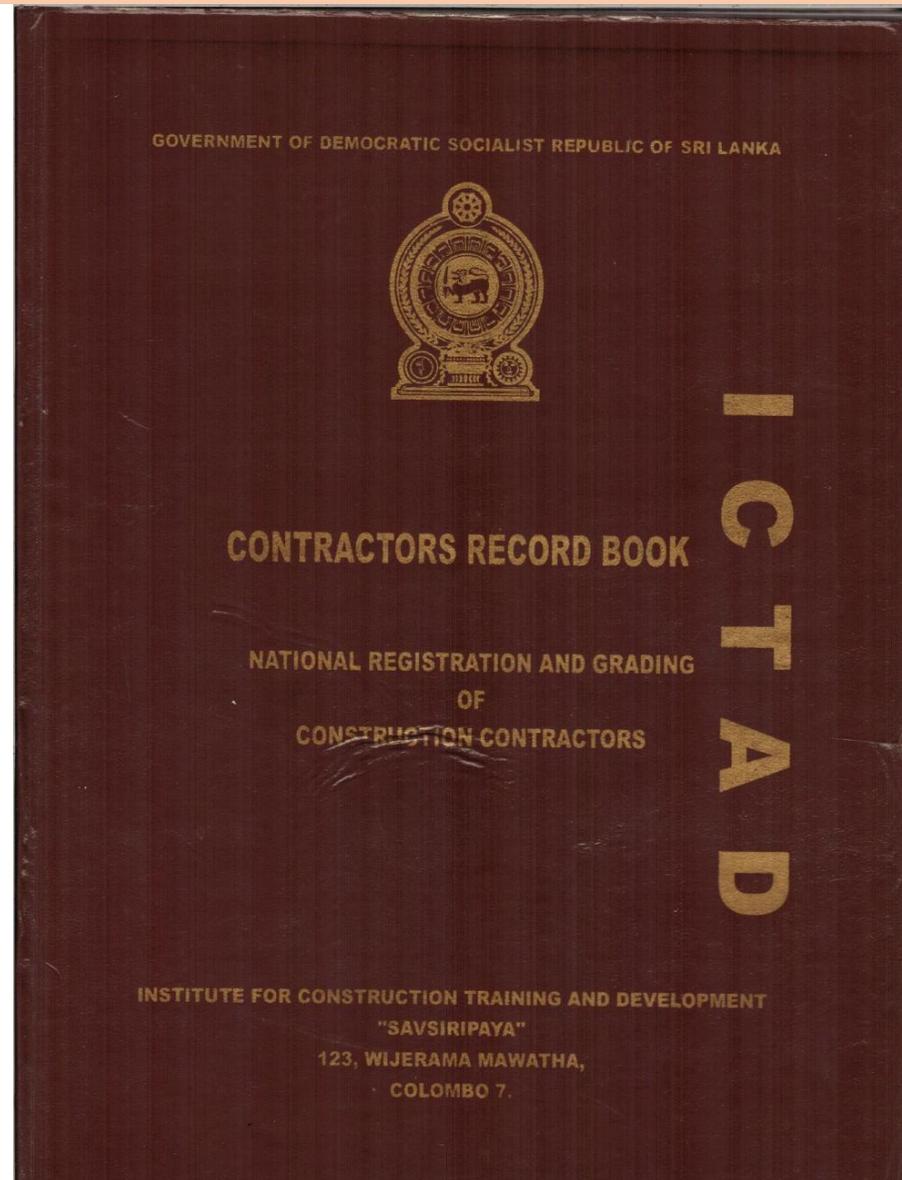


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SGS

# CIDA EM2



# CIDA EM2

10

**PARTICULARS OF REGISTRATION AND RENEWALS**  
Field of Speciality *Heavy Steel Fabrications (HSP)*

Date	Grade/Revised Grade	Expiry date	Signature & Designation of authorised officer
03.06.2014	EM 2 (T200)	02.06.2015	 Assistant Director (Industry Development) INSTITUTE FOR CONSTRUCTION TRAINING AND DEVELOPMENT (ICTAD)
03.06.2014	EM 2 (T200)	02.06.2016	 Assistant Director (Industry Development) INSTITUTE FOR CONSTRUCTION TRAINING AND DEVELOPMENT (ICTAD)
03.06.2016	EM 2 (T200)	02.06.2017	 Assistant Director (Industry Development) INSTITUTE FOR CONSTRUCTION TRAINING AND DEVELOPMENT (ICTAD)

R.B. No. 0104

Refer ICTAD web site [www.ictad.lk](http://www.ictad.lk) for verification of details

6

**PARTICULARS OF CONTRACTOR**

**CONTRACTORS RECORD BOOK**

NATIONAL REGISTRATION AND GRADING OF CONSTRUCTION CONTRACTORS

Record Book No. EM0104

Issued by: 

Date: 2014/6/19

7

**PARTICULARS OF CONTRACTOR**

1. Full Name of the Contractor/Organisation  
THREESINHA INDUSTRIES (PVT) LTD.

2. Address  
1564, KOTTE ROAD, RAJAGIRIYA.

3. Business Registration number and date  
PV 6081 2008.08.04

4. Registration number as per ICTAD Central Register  
EM - 0104

R.B. No. EM - 0104

7

5. NCASL membership number

6. Name/s of Owner or Partners/Directors

- Mr. M.A. MANJULA ARIYAKOMARA
- 682090989 y
- 
- 
- 
- 
- 
- 

R.B. No. 0104

10

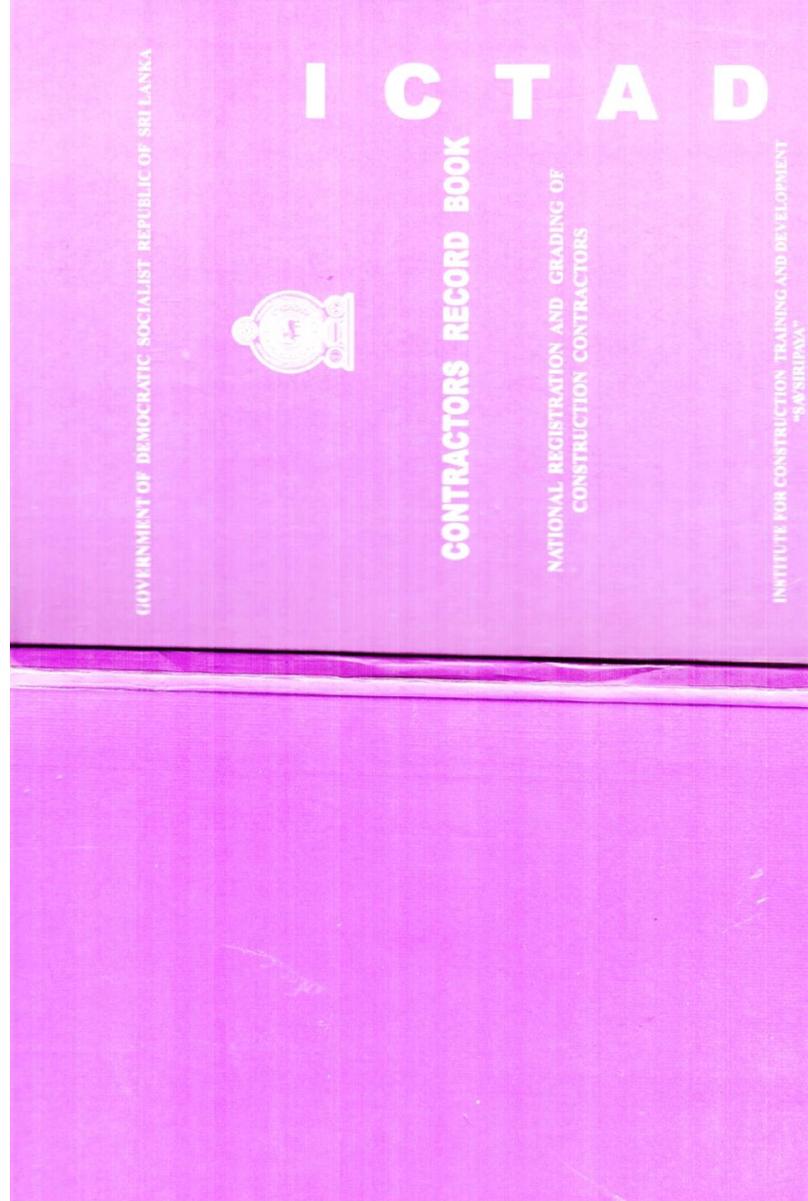
**PARTICULARS OF REGISTRATION AND RENEWALS**  
Field of Speciality *Heavy Steel Fabrications (HSP)*

Date	Grade/Revised Grade	Expiry date	Signature & Designation of authorised officer
03.06.2014	EM 2 (T200)	02.06.2015	 Assistant Director (Industry Development) INSTITUTE FOR CONSTRUCTION TRAINING AND DEVELOPMENT (ICTAD)
03.06.2014	EM 2 (T200)	02.06.2016	 Assistant Director (Industry Development) INSTITUTE FOR CONSTRUCTION TRAINING AND DEVELOPMENT (ICTAD)
03.06.2016	EM 2 (T200)	02.06.2017	 Assistant Director (Industry Development) INSTITUTE FOR CONSTRUCTION TRAINING AND DEVELOPMENT (ICTAD)

R.B. No. 0104

Refer ICTAD web site [www.ictad.lk](http://www.ictad.lk) for verification of details

# CIDA C3



# CIDA C3

## CONTRACTORS RECORD BOOK

NATIONAL REGISTRATION AND  
GRADING OF  
CONSTRUCTION CONTRACTORS

Record Book No : 4957

Date of Issue : 2012.6.14

### PARTICULARS OF THE CONTRACTOR

1. Full Name of the Contractor / Organisation :  
THREE SENHA INDUSTRIES  
(PVT) LTD
2. Business Address :  
1564, KOTTE ROAD,  
RAJAGIRIYA
3. Telephone No/s : 0112875356  
Fax No :  
E-mail :
4. Business Registration :  
Registration No : P.V. 6081  
Issued By :  
Date : 2008.08.04
5. ICTAD Registration number : C-4957

4957

6. Name/s of Proprietor or Partners / Directors I.D. No.  
1. M.A. Manjula Ariyakumara 68209098  
2. ....  
3. ....  
4. ....  
5. ....  
6. ....  
7. ....  
8. ....  
9. ....  
10. ....

### DETAILS OF REGISTRATION,

Date of Registration/ Renewal/ Upgrading	Field of				
	Building	Highway	Bridge	Water Supply & Drainage	Irrigation & Land Drainage
02.07.2021	C-3 (Three)	C-7 (Seven)	C-7 (Seven)	C-4 (Four)	C-7 (Seven)
06.04.2022	C-3 (Three)	C-7 (Seven)	C-7 (Seven)	C-4 (Four)	C-7 (Seven)

4957

Refer CIDA website

AT



THREE SINHA

FACTORY



# AT **THREE SINHA** **FACTORY**



# AT **THREE SINHA** **FACTORY**



# AT **THREE SINHA** **FACTORY**



# AT THREE SINHA FACTORY



**AT**



**THREE SINHA**

**FACTORY**



# OUT FOR DELIVERY



# OUT FOR DELIVERY

