

**GLOBAL STAR PIPES (PVT) LTD**



**GLOBAL  
STAR PIPES**



# Presentation Contents



- WHO WE ARE
- VISION & MISSION
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- CORE VALUES
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- MANUFACTURING PROCESS
- LABORATORY & TESTING FACILITIES





# INTRODUCTION:



# Company Profile:



GLOBAL STAR PIPES (PVT) LTD is strategically located in the Gadoon Industrial Estate, Swabi, KPK. Our modern facility is equipped with state-of-the-art machinery.

We are committed to delivering products of the highest standards, adhering to international benchmarks including:

- ISO Certified
- BS 3501
- BS EN 12201
- PSQCA standard



# FOUNDER

Mr. Sami Ullah, founder of Global Star Pipes Pvt Ltd., building on his experience at Najoom AL Yaom AL-ARABIA Co. which is located in Saudi Arabia.

His vision is empowering communities through sustainable employment and contribution to the national economy via industrial growth.

He is widely acknowledged for his dedicated work in education and welfare. He has played a pivotal role in shaping a better society.





**VISION:**

“TO BE A TRULY GLOBAL, HIGH-PERFORMING ORGANIZATION DELIVERING  
QUALITY PRODUCTS AND SERVICES TO ITS CUSTOMERS AND ATTAIN  
LEADERSHIP POSITION IN THE INDUSTRIES WE OPERATE IN”

**MISSION:**

“TO INCREASE THE NUMBER OF PLEASED AND TRUSTED CUSTOMERS, BY  
INVOLVING THEM IN OUR MANUFACTURING AND TESTING PROCESS OF  
THE PRODUCT, AND SATISFYING THEM FROM OUR QUALITY FOR LONG  
TERM CORPORATE RELATIONSHIP”



## CORE COMPETENCIES:

### CUSTOMER FOCUS:

Unwavering commitment to client satisfaction

### PRODUCT EXCELLENCE:

High-quality manufacturing

### INNOVATION:

Commitment to continuous improvement

### SUSTAINABILITY:

Emphasis on environmental responsibility

### COMPLIANCE:

Strict adherence to regulatory policies





## **CORE VALUES**

### **SAFETY:**

Maintain a safe work environment and safe products

### **EXCELLENCE:**

Lead by delivering exceptional performance

### **INTEGRITY:**

Operate with honesty and high ethical standards

### **EQUALITY:**

Foster diversity and openness throughout the organization



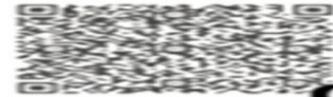
# CERTIFICATIONS



# SECURITIES & EXCHANGE COMMISSION OF PAKISTAN

## PAKISTAN

SECURITIES AND EXCHANGE COMMISSION OF PAKISTAN  
Company Registration Office



### CERTIFICATE OF INCORPORATION

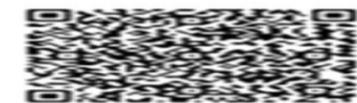
[Under section 16 of the Companies Act, 2017 (XIX of 2017)]

Corporate Unique Identification No. 0214481

I hereby certify that **GLOBAL STAR PIPES (PRIVATE) LIMITED** is this day incorporated under the Companies Act, 2017 (XIX of 2017) and that the company is limited by shares.

Given at Peshawar this Thirty First day of October, Two Thousand and Twenty Two

Muhammad Shoaib Khan  
Assistant Registrar



[https://eservices.secp.gov.pk/eServices/ControllerServlet?request\\_id=VERIFY\\_ONLINE\\_INCORP\\_CERT&id=0214481](https://eservices.secp.gov.pk/eServices/ControllerServlet?request_id=VERIFY_ONLINE_INCORP_CERT&id=0214481)

Disclaimer: This certificate of incorporation is not a permission to accept deposits from the general public by offering fake jobs/investment packages and return thereon, indulge in leasing/ financing of vehicles and household products etc., MLM, Pyramid and Ponzi Schemes, Lottery Business, trading in forex and virtual currencies or any other unlawful business activities.

THIS IS A DIGITAL CERTIFIED COPY AND NEEDS NO STAMP / SIGNATURE. CIC ISSUED DATE: 29-09-2024



## FBR & TRADE MARK

**FBR PAKISTAN** Government of Pakistan  
Federal Board of Revenue  
Inland Revenue Services

**TAXPAYER REGISTRATION CERTIFICATE**  
(Under Section 181C of the Income Tax Ordinance 2001)

Registration No. 9324166  
Date of Registration 31-Oct-2022  
Type of Person Company  
Inc. No. 0214481  
Inc. Date 31-Oct-2022  
Name GLOBAL STAR PIPES (PRIVATE) LIMITED  
Address Plot No.197, R-5, Gadoon Industrial Estate, Swabi Topi  
Tax Office RTO PESHAWAR  
Activity Type Business

This is a computer generated certificate and, hence, no signatures are required.  
Displaying of Taxpayer Registration Certificate is mandatory as provided under section 181C of Income Tax Ordinance 2001.

This is not a valid evidence of being a "filer" for the purposes of clauses (23A) and (35C) of sections 2 and 181A of the Income Tax Ordinance 2001.

**IRIS** Date of Print 09-Jan-2025

**FBR PAKISTAN** Federal Board of Revenue  
Revenue Division - Government of Pakistan

Online Verification System

Taxpayer Profile Inquiry  
Printed On: 5/17/2024 12:18:39 PM

Registration No 9324166  
Reference No 9324166-4  
Registered for Sales Tax Yes. w.e.f. 11-JUL-23  
Name GLOBAL STAR PIPES (PRIVATE) LIMITED  
Category Company formed and registered under the Companies Ordinance, 1984 or any other law repealed thereunder  
PP/REG/INC No. 0214481  
Email sam\*\*\*\*ah.\*\*\*zampvc@gmail.com  
Cell 00923\*\*995\*\*21  
Address Plot No.197, R-5, Gadoon Industrial Estate, Swabi Topi  
Registered On 31-OCT-2022  
Tax Office RTO PESHAWAR  
Registration Status Income Tax: Active , Sales Tax: OPERATIVE

Sr.	Business/ Branch Name	Business/ Branch Address	Principal Activity
1	GLOBAL STAR PIPES (PRIVATE) LIMITED	Plot No.197, R-5, Gadoon Industrial Estate, Swabi Topi	222000- Manufacturing/Manufacture of plastics products/Manufacture of plastics products

**FORM TM-01**  
Application for registration of trade mark for goods and to register a brand name under section 22(1) of the Trade Marks Ordinance, 2001 and rule 12 of the Trade Marks Rules, 2004

**GLOBAL STAR PIPES**

Application is hereby made for registration in the register of the accompanying trade mark in class-19.

In respect of corrugated polypropylene sheets [roofing material], Polypropylene random copolymer plastic (PPRC), polyvinyl chloride (PVC) (UPVC) (CPVC), PVC roofing membrane, High Density polyethylene (HDPE), Clay pipes and conduits, non-metal sewer pipes, Plastics pipes [rigid] for water, Hume pipes, Cement pipes, Concrete pipes, Wooden pipes, Drain pipes, Sandstone pipes, Ceramic drain pipes, Pipes of earthenware, Non-metal gutter pipes, Pipes made of cement, penstock pipes, not of metal, Branching pipes, not of metal being goods included in class-19.

In the name(s) of: **Global Star Pipes (Pvt) Ltd**  
Nationality: **Pakistani Company**  
Trading as: **Global Star Pipes (Pvt) Ltd**  
Address: **Plot No.197, R-5, industrial Estate Gadoon Amazai.**

Who claim(s) to be the proprietor(s) thereof and by whom the said mark is being used since of 2022 in respect of said goods.

Address for service in Pakistan to which all correspondence should be sent: -

Dated this 6<sup>th</sup> day of March 2023

*Sami Ullah*  
**Sami Ullah**  
(C.E.O)

TO,  
THE REGISTRAR OF TRADE MARKS,  
THE TRADE MARKS REGISTRY,  
KARACH



# CHAMBER OF COMMERCE

Book No.B 17927 Serial No.B 1792663

## MEMBERSHIP CERTIFICATE

Name & address of Chamber Association **SWABI CHAMBER OF COMMERCE AND INDUSTRY**  
Office no. 1-B, EZDMC complex, Gadoon Amazal Industrial Estate – 23454 Khyber Pakhtunkhwa. Tel: 0938-270596. Mobile: 03005030418

*(Affiliated with the Federation of Pakistan Chambers of Commerce & Industry)*

**CERTIFIED** that ..... **M/s GLOBAL STAR PIPES (PRIVATE) LIMITED** .....  
*(name and address of Member Firm / Company)*  
..... **Plot No-197, Road NO. R-5, GADOON INDUSTRIAL ESTATE TOP1, DISTRICT SWABI**

G.S.T. No. .... NTN. No. **9324166 -4**

is a member of this Chamber Association **CORPORATE** **C-208 /SCCI-J23**

**THIS CERTIFICATE** shall be valid upto the **31<sup>ST</sup> MARCH 2026** unless  
*(date)*  
otherwise notified to the NTN / GST Registration authority / Scheduled Bank concerned.

Given on this **14<sup>th</sup>** day of **APRIL** 20 **25**

Signature of Secretary General ..... **Muhammad Salman Khan**  
**Secretary-General**

Countersigned by ..... **Fazal Rahim**  
**President**  
*(name and designation)*





# PAKISTAN ENGINEERING COUNCIL





# ISO CERTIFICATIONS

**ACS Registrars Pakistan**

## CERTIFICATE OF REGISTRATION

**ACS REGISTRARS PAKISTAN**

This is to certify that:

**Global Star Pipes (Pvt.) Ltd.**

of

Plot No. 197, Road No. R – 5, Industrial Estate, Gadoon Amazai, Swabi, KPK, Pakistan.

has been assessed and registered by ACS Registrars Pakistan (Pvt.) Ltd. against the following standard requirements:

### ISO 9001:2015

The scope of registration is:

**Manufacturing of UPV and HDPE Pipes and Fittings**

Certificate # 193179

Initial Assessment date: December 2<sup>nd</sup> 2024      Registration date: December 18<sup>th</sup> 2024  
Expiry date: December 18<sup>th</sup> 2025      Re-issue date: N/A

Authorized Signature: *[Signature]*

**ACS** Quality Assurance ISO 9001      **PNAC** Pakistan National Accreditation Council CB 006 QMS

Whilst all due care was exercised in carrying out this management system assessment, ACS Registrars Pakistan (Pvt.) Ltd. accepts responsibility only for proven gross negligence. This is not a legal document and cannot be used as such. This certificate remains the property of ACS Registrars Pakistan (Pvt.) Ltd. to whom it must be returned upon request. For online certificate verification please visit [www.acsonline.com](http://www.acsonline.com)  
Certificate validity may be verified at the address below:

**ACS REGISTRARS PAKISTAN (PVT) LTD.**  
Suite # 17-G, Al Hafeez View, 67-D/01, Sir Syed Road, Gulberg-III, Lahore, Pakistan.  
E-mail: [info@acsregistrars.pk](mailto:info@acsregistrars.pk) Website: [www.acsregistrars.pk](http://www.acsregistrars.pk)

**ACS Registrars Pakistan**

## CERTIFICATE OF REGISTRATION

**ACS REGISTRARS PAKISTAN**

This is to certify that:

**Global Star Pipes (Pvt.) Ltd.**

of

Plot No. 197, Road No. R – 5, Industrial Estate, Gadoon Amazai, Swabi, KPK, Pakistan.

has been assessed and registered by ACS Registrars Pakistan (Pvt.) Ltd. against the following standard requirements:

### ISO 14001:2015

The scope of registration is:

**Manufacturing of UPV and HDPE Pipes and Fittings**

Certificate # EMS 193180

Initial Assessment date: December 2<sup>nd</sup> 2024      Registration date: December 18<sup>th</sup> 2024  
Expiry date: December 18<sup>th</sup> 2025      Re-issue date: N/A

Authorized Signature: *[Signature]*

**ACS** Environmental Assurance ISO 14001      **PNAC** Pakistan National Accreditation Council CB 006 EMS

Whilst all due care was exercised in carrying out this management system assessment, ACS Registrars Pakistan (Pvt.) Ltd. accepts responsibility only for proven gross negligence. This is not a legal document and cannot be used as such. This certificate remains the property of ACS Registrars Pakistan (Pvt.) Ltd. to whom it must be returned upon request. For online certificate verification please visit [www.acsonline.com](http://www.acsonline.com)  
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**ACS REGISTRARS PAKISTAN (PVT) LTD.**  
Suite # 17-G, Al Hafeez View, 67-D/01, Sir Syed Road, Gulberg-III, Lahore, Pakistan.  
E-mail: [info@acsregistrars.pk](mailto:info@acsregistrars.pk) Website: [www.acsregistrars.pk](http://www.acsregistrars.pk)



# PSQCA

Number. 017040



## Pakistan Standards and Quality Control Authority

Licence for the use of the Pakistan Standard Mark

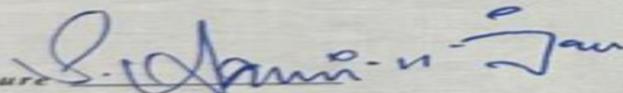
Agreement No. **PZ1732/0625-G**

Licence No. **CML/PZ-478/2025**

M/s. **Global Star Pipes (Pvt) Ltd**

Address: **Plot No.197, Road No.R-5, Industrial Estate, Gadoon Amazai, Swabi**

Licence shall be valid from **May 23, 2025** to **May 22, 2026** and renewable as prescribed under the Rules.

Signature 

**Engr. Aamir Ullah Jan Zakori (Dy. D)**

**DIRECTOR**

Place **Peshawar**

Date: **June 03, 2025**

### THE FIRST SCHEDULE

PS Mark	Article / Process	Pakistan Standard(s)
1	2	3
	<b>UPVC Pipes Brand "Global Star" Variants as per Annexure-A</b>	<b>SS. 3051/2017(R)</b>

### THE SECOND SCHEDULE

Article / Process	Unit	Marking Fee Per Unit	Mode of Payment
1	2	3	4
<b>UPVC Pipes Brand "Global Star" Variants as per Annexure-A</b>	<b>Ex-Factory Price</b>	<b>0.1%</b>	<b>Through Bank Draft (Quarterly)</b>



## COMPANY REGISTRATION

Global Star Pipes (Pvt) Ltd Industry is registered with Directorate of labour Khyber Pakhtunkhwa under section 9 of the Khyber Pakhtunkhwa factories Act, 2013.

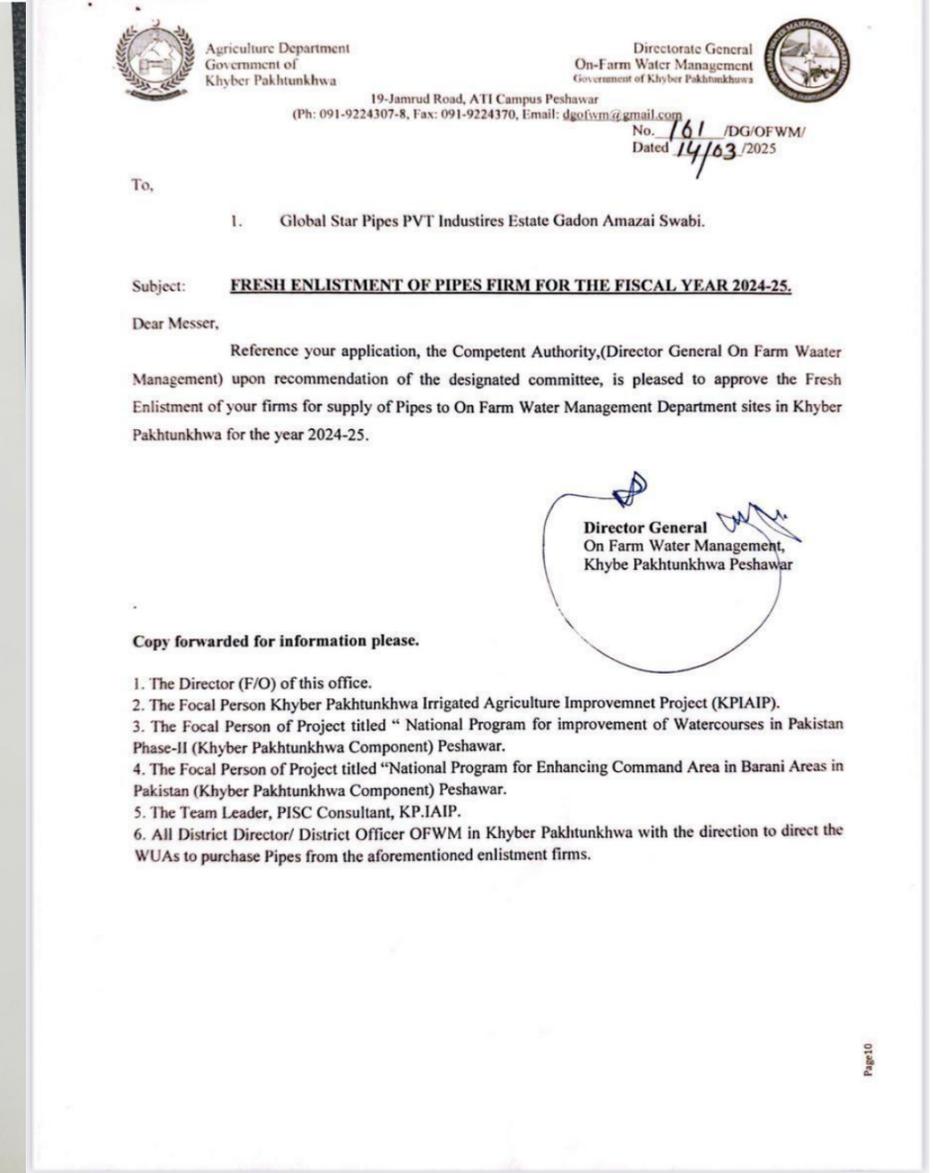
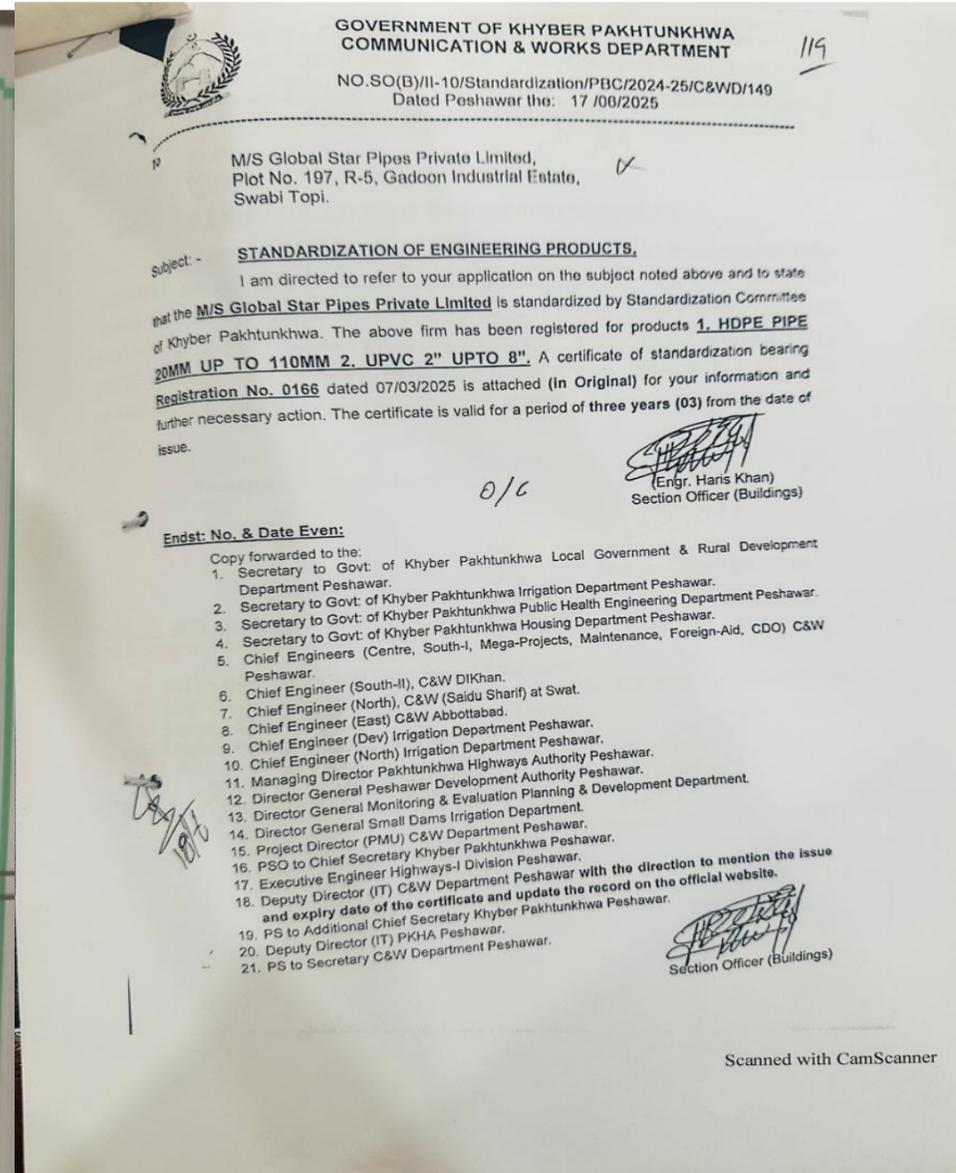


**Directorate of Labour**

KHYBER PAKHTUNKHWA



## GOVERNMENT & INTITUTIONAL ENLISTMENTS



**PUBLIC HEALTH**

**LOCAL GOVERNMENT KPK**

**WATER MANAGEMENT KPK**



**PRODUCT LINE:**

❖ **UPVC :**

Unplasticized Polyvinyl Chloride

**UPVC (2" to 10" diameter)**

❖ **HDPE :**

High Density Polyethylene

**HDPE pipes (20mm to 160mm diameter)**





# FITTINGS:

Complete range for both UPVC, HDPE



**UPVC**



**HDPE**



## What is Plastic:

- Plastic is a synthetic or semi-synthetic material derived from organic compound and used all over world.
- Types of Material
  - 1 - Thermoplastics
  - 2 - Thermosets

## UPVC:

Un plasticized Polyvinyl chloride

Introduced in 1930s, widely used since the 1970s

Each size has different classes

Working pressure up to 15bars

• TYPES:

1. PRESSURE
2. NON-PRESSURE
3. CASING PIPE
4. ELECTRICAL CONDUIT



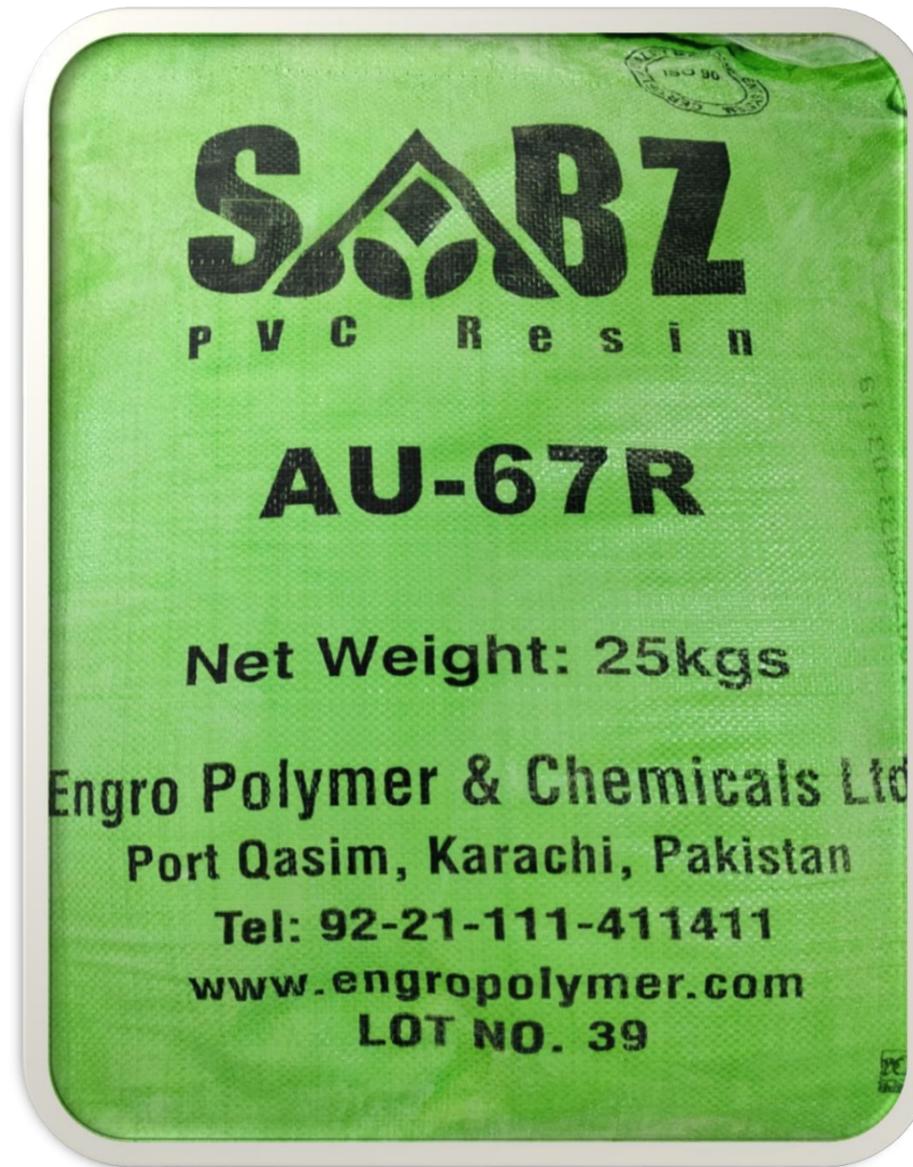
## APPLICATION OF UPVC:

- Water supply schemes
- Drainage
- Sanitary & Industrial plumbing
- Agriculture , tube wells and greenhouses
- Electrical conduits and cable ducting



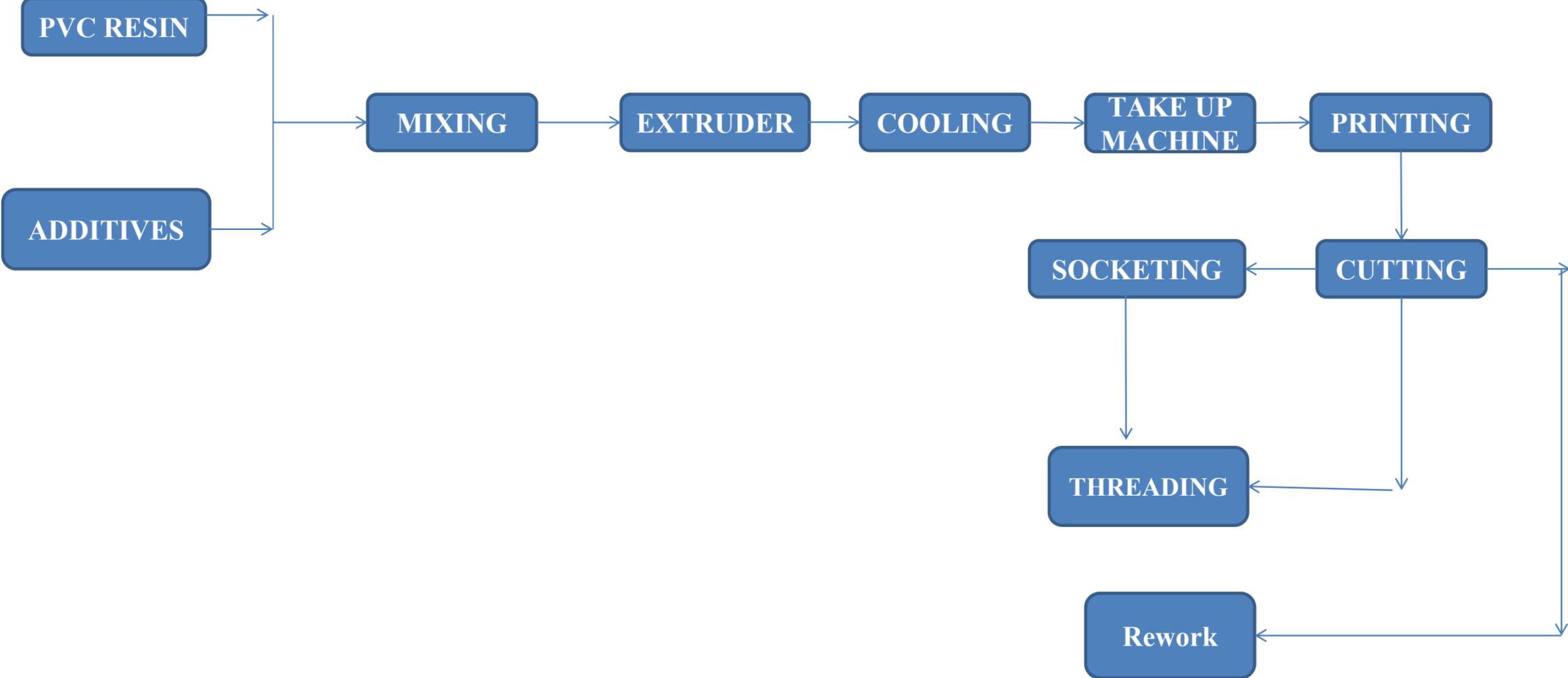
ENGRO AU-67R

RAW MATERAIL FOR UPVC





PROCESS FLOW DIAGRAM OF PVC PIPES MANUFACTURING





## UPVC (UNPLASTICIZED POLYVINYL CHLORIDE) PIPES SPECIFICATION PS 3051/91 EQUIVALENT TO BS 3505.

Nominal Size	Outside Diameter		Class B (6 Bar)				Class C (9 Bar)				Class D (12 Bar)				Class E (15 Bar)			
			Min. mm	Max. mm	Wt.kg/Mtr	Wt.kg/Length	Min. mm	Max. mm	Wt.kg/Mtr	Wt.kg/Length	Min. mm	Max. mm	Wt.kg/Mtr	Wt.kg/Length	Min. mm	Max. mm	Wt.kg/Mtr	Wt.kg/Length
2	60.2	60.5			0.5	2	2.5	3	0.68	2.72	3.1	3.7	0.82	3.28	3.9	4.9	1.03	4.12
3	88.7	89.1	2.9	3.4	1.17	4.68	3.5	4.1	1.41	5.64	4.6	5.3	1.82	7.28	5.7	6.6	2.22	8.88
4	114.1	114.5	3.4	4	1.78	7.12	4.5	5.2	2.32	9.28	6	6.9	3.03	12.12	7.3	8.4	3.65	14.6
5	140.0	140.4	3.8	4.4	2.44	9.76	5.5	6.4	3.49	14	7.3	8.4	4.55	18.2	9	10.4	5.65	22.6
6	168.0	168.5	4.5	5.2	3.46	13.84	6.5	7.6	5.01	20	8.8	10.2	6.57	26.28	10.8	12.5	7.95	31.8
7	193.5	194	5.2	-	-	-	7.7	-	-	10.1	-	-	-	-	12.4	-	-	-
8	218.8	219.4	5.3	6.1	5.3	21.2	7.5	9	7.72	30.9	10.3	11.9	10.04	40.2	12.6	14.5	12.17	48.7
10	272.6	273.4	6.6	7.6	8.26	33.04	9.7	11	11.97	47.9	12.8	14.8	15.59	62.36	15.7	18.1	19.89	79.56
12	323.4	324.3	7.8	9.0	-	46	11.5	13.3	-	67.4	15.2	17.5	-	87.64	18.7	21.6	-	106.72



## WHAT IS HDPE:

HDPE pipe or high-density polyethylene pipe is a type of flexible plastic pipe commonly used for fluid and gas transfer, often as a replacement for aging concrete or steel pipelines. It's known for its strength, flexibility, and resistance to corrosion and chemicals.





## APPLICATION OF HDPE:

- Portable water
- Chemical industries (effluent/waste)
- Drainage, sewerage and irrigation
- Submersible pump systems
- Telecommunication ducting
- Gas distribution (domestic & industrial)
- Mining

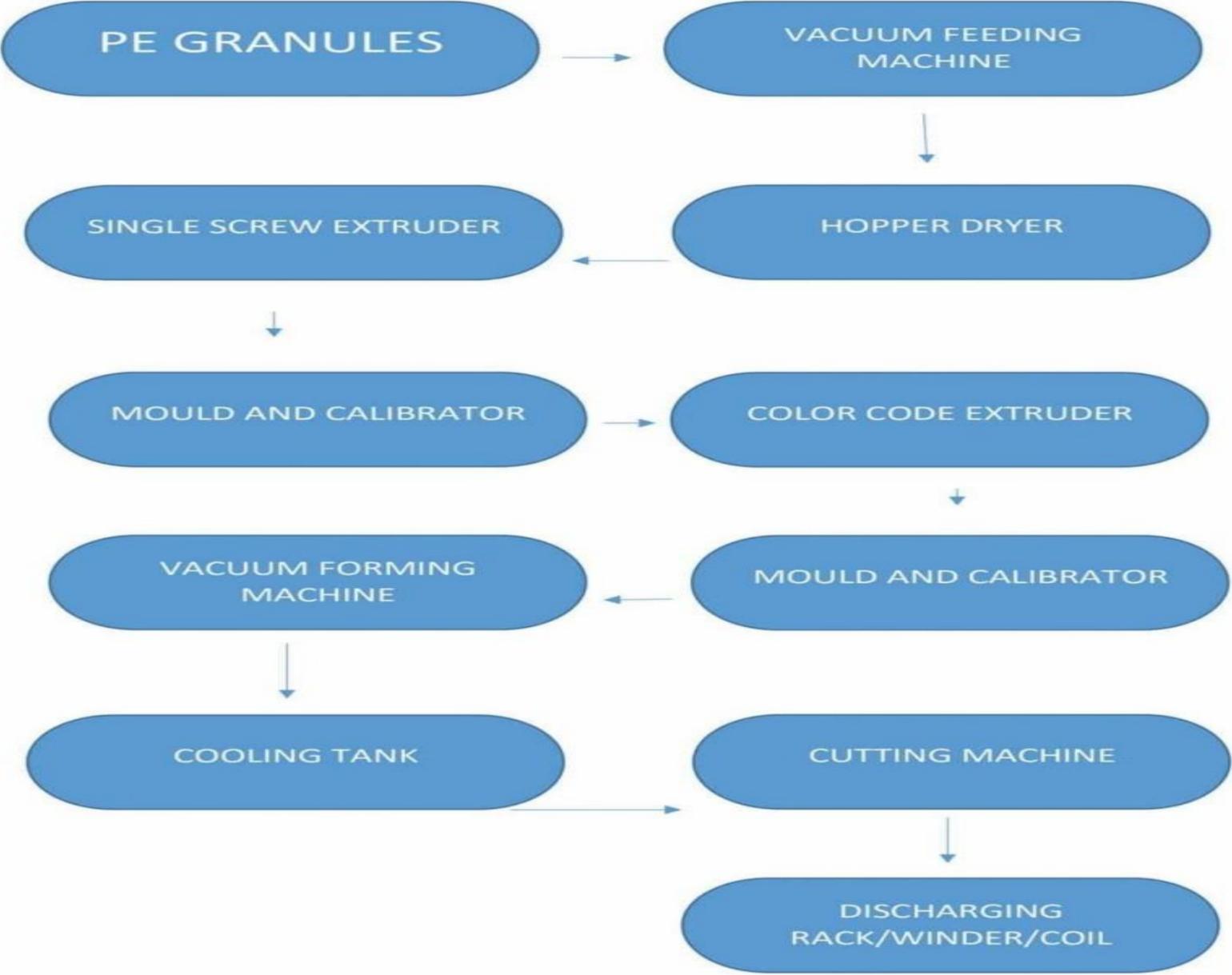


## RAW MATERAIL FOR HDPE





PROCESS FLOW DIAGRAM OF HDPE PIPES MANUFACTURING





## GLOBAL HDPE STANDARD SPECIFICATION PE-100 MATERIALS AS PER DIN 8074/8075

HDPE OUTER DIAMETER (MM)			PN-8			PN-10			PN-12.5			PN16			PN-20		
S.NO	SIZE	Quile/Mtr	Wall.T (mm)	Wt.kg/Mtr	Wt.kg/Quile												
1	20 mm	305	-	-	-	-	-	-	1.8	0.107	32.635	1.9	0.112	34.16	2.3	0.133	40.565
2	25 mm	305	-	-	-	1.8	0.137	41.785	1.9	0.144	43.92	2.3	0.171	52.155	2.8	0.2	61
3	32 mm	305	-	-	-	1.9	0.187	57.035	2.4	0.232	70.76	2.9	0.272	82.96	3.6	0.327	99.735
4	40 mm	153	1.9	0.239	36.567	2.4	0.295	45.135	3.0	0.356	54.468	3.7	0.43	65.79	4.5	0.509	77.877
5	50 mm	153	2.4	0.374	57.222	3.0	0.453	69.309	3.7	0.549	83.997	4.6	0.668	102.2	5.6	0.788	120.56
6	63 mm	153	3.0	0.58	88.74	3.8	0.721	110.31	4.7	0.873	133.57	5.8	1.05	160.65	7.1	1.26	192.78
7	75 mm	153	3.6	0.828	126.68	4.5	1.02	156.06	5.6	1.24	189.72	6.8	1.47	224.91	8.4	1.76	269.28
8	90 mm	100	4.3	1.18	118	5.4	1.46	146	6.7	1.77	177	8.2	2.12	212	10.1	2.54	254
9	110 mm	100	5.3	1.77	177	6.6	2.17	217	8.1	2.62	262	10	3.14	314	12.3	3.78	378
10	125 mm	-	6.0	-	-	7.4	2.76	-	9.2	3.37	-	11.4	4.08	-	14	-	-
11	140 mm	-	6.7	2.83	-	8.3	3.46	-	10.3	4.22	-	12.7	5.08	-	15.7	-	-
12	160 mm	-	7.7	3.72	-	9.5	4.52	-	11.8	5.55	-	14.6	6.67	-	17.9	-	-



## MANUFACTURING PLANT MACHINERY/FACILITIES

S.NO	Name Of Installed Machinery	Modal	Standard Production Capacity	Actual Production capacity	Numbers	Remarks
1	PVC Extruder 65	CM-65	16 ton/day	16 ton/day	4	Working Condition
2	Resin Mixer	Local	24 ton/day	24 ton/day	4	Working Condition
3	Air Compressor	Local	N/A	N/A	4	Working Condition
4	HDPE Extruder SJ 65/33	SJ 65/33	2 ton/day	2 ton/day	3	Working Condition
5	Printer (Hitachi)	PXR-D460W	N/A	N/A	4	Working Condition
6	Pulverizer	SMW-400	8 ton/day	8 ton/day	1	Working Condition
7	Socket Machine	Imported	N/A	N/A	2	Working Condition
8	Chiller	Local	N/A	N/A	1	Working Condition
9	Crusher	Local	N/A	N/A	1	Working Condition
10	Generator	Local	N/A	N/A	1	Working Condition
11	Lathes Machine	Local	N/A	N/A	1	Working Condition
12	HDPE Extruder SJ 75	SJ 75	4 ton/day	4 ton/day	1	Working Condition

# GLOBAL STAR PIPES(pvt)LTD



## LAB





# LABORATORY TESTING EQUIPMENT/FACILITIES

<b>S.NO</b>	<b>Name Of Machinery/Equipment</b>	<b>Certificate</b>	<b>Numbers</b>	<b>Remarks</b>
1	Hydrostatic Pressure Tank / Pressure Gauge	Received	1	Working Condition
2	Impact Test Machine	Received	1	Working Condition
3	Opacity Test Cabinet	N/A	1	Working Condition
4	Heat Reversion Cabinet	Received	2	Working Condition
5	Tensile testing machine	Received	1	Working Condition
6	Measuring Tape	Received	1	Working Condition
7	Glass Thermometer	Received	1	Working Condition
8	Melt Flow	Received	1	Working Condition



# CERTIFICATE OF CALABRATION

## TRACEABILITY



**Testech**  
(TESTING & CALIBRATION LAB)



Certificate No: TT/339/001  
Traceability No: GS/339/01  
Date of Issue: 20-01-2025  
Calibration Cycle No: 1st

**CERTIFICATE of CALIBRATION & TRACEABILITY**

This certificate of compliance to the specification of the accuracy of the Instrument under Calibration meets the requirements of Clause: 7.6, ISO (2015). This document has been issued as an effective evidence of Calibration and Traceability to the International/National Standards to meet the IRCA registered third party audits

Client: Global Star Pipes (Pvt.) Ltd, Plot #197, Road #5, Industrial Estate, Gadoon Amazai Swabi, KPK, Pakistan.

Client's Ref. No: GS/339/01  
Item/Instrument: D. Vernier Caliper  
Model/Sr. No: N/A  
Calibrated Range: 0 to 150mm  
Dial Size/Probe: Digital  
Dated: 18-01-2025  
Id. Code: GS/DVC/001  
Resolutions: 0.05mm  
Make: China

**CALIBRATION REPORT**

Applicable Calibration Procedure Number: QSP-007  
Testech Lab Reference Standard Number: Noted on the data sheet  
Environment Conditions Maintained during the Calibration: Standard Lab Condition

Onsite Lab. Condition  
Temperature: 30°C ± 5°C & Humidity: 45% RH ± 10% RH

The instrument Under Calibration has been calibrated using above noted environment conditions, Testech Laboratory Reference Standard and applicable Calibration Procedure. The Calibration date has been taken, analyzed and reported separately. It is certified that the instrument under calibration complies the specifications of accuracy and working within the Uncertainty/Deviation/Error Limits. After the calibration this instrument stands Traceable and Fit for Inspection, Measuring Test or Process Control of Specific Parameter (s).

Traceability Number: M - 894  
National or International: NPSL - Pakistan

Nominal Value Indicated on the Digital Vernier Caliper (mm)	Actual/Observed Value on the Testech Laboratory Standard (mm)	Tolerance/Deviation (mm)
0.10	0.100	0.000
0.20	0.200	0.000
10.0	10.00	0.000
50.0	50.00	0.000

Average Deviation: ± 0.5mm

Instrument Calibrated on Dated: Day [18] Month [01] Year [2025]  
Instrument Calibrated Due Dated: Day [17] Month [01] Year [2026]

Prepared by: Technical Manager  
Issued by: Technical Director



**Testech**  
(TESTING & CALIBRATION LAB)



Certificate No: TT/339/006  
Traceability No: GS/339/06  
Date of Issue: 20-01-2025  
Calibration Cycle No: 1st

**CERTIFICATE of CALIBRATION & TRACEABILITY**

This certificate of compliance to the specification of the accuracy of the Instrument under Calibration meets the requirements of Clause: 7.6, ISO (2015). This document has been issued as an effective evidence of Calibration and Traceability to the International/National Standards to meet the IRCA registered third party audits

Client: Global Star Pipes (Pvt.) Ltd, Plot #197, Road #5, Industrial Estate, Gadoon Amazai Swabi, KPK, Pakistan.

Client's Ref. No: GS/339/01  
Item/Instrument: Impact Test Machine (Weights)  
Model/Sr. No: NA  
Calibrated Range: 0.50 to 5.50 Kg  
Dial Size/Probe: Manual  
Dated: 18-01-2025  
Id. Code: GS/ITM/001  
Resolutions: 0.50 Kg  
Make: China

**CALIBRATION REPORT**

Applicable Calibration Procedure Number: QSP-007  
Testech Lab Reference Standard Number: Noted on the data sheet  
Environment Conditions Maintained during the Calibration: Standard Lab Condition

Onsite Lab. Condition  
Temperature: 30°C ± 5°C & Humidity: 45% RH ± 10% RH

The instrument Under Calibration has been calibrated using above noted environment conditions, Testech Laboratory Reference Standard and applicable Calibration Procedure. The Calibration date has been taken, analyzed and reported separately. It is certified that the instrument under calibration complies the specifications of accuracy and working within the Uncertainty/Deviation/Error Limits. After the calibration this instrument stands Traceable and Fit for Inspection, Measuring Test or Process Control of Specific Parameter (s).

Traceability Number: M - 894  
National or International: NPSL - Pakistan

Nominal Temperature Indicated on the Impact Test Machine (Kg)	Actual/Observed Value on the Testech Laboratory Standard (Kg)	Tolerance/Deviation (Kg)
0.500	0.500	0.00
0.750	0.750	0.00
1.000	1.000	0.00
2.000	2.000	0.00
5.500	5.500	0.00

Average Deviation: ± 0.00 Kg

Instrument Calibrated on Dated: Day [18] Month [01] Year [2025]  
Instrument Calibrated Due Dated: Day [17] Month [01] Year [2026]

Prepared by: Technical Manager  
Issued by: Technical Director



**Testech**  
(TESTING & CALIBRATION LAB)



Certificate No: TT/339/007  
Traceability No: GS/339/07  
Date of Issue: 20-01-2025  
Calibration Cycle No: 1st

**CERTIFICATE of CALIBRATION & TRACEABILITY**

This certificate of compliance to the specification of the accuracy of the Instrument under Calibration meets the requirements of Clause: 7.6, ISO (2015). This document has been issued as an effective evidence of Calibration and Traceability to the International/National Standards to meet the IRCA registered third party audits

Client: Global Star Pipes (Pvt.) Ltd, Plot #197, Road #5, Industrial Estate, Gadoon Amazai Swabi, KPK, Pakistan.

Client's Ref. No: GS/339/01  
Item/Instrument: Methylene Chloride Test Cabinet  
Model/Sr. No: N/A  
Calibrated Range: 0 to 1000°C  
Dial Size/Probe: Digital  
Dated: 18-01-2025  
Id. Code: GS/MCTC/001  
Resolutions: 1° C  
Make: China

**CALIBRATION REPORT**

Applicable Calibration Procedure Number: QSP-007  
Testech Lab Reference Standard Number: Noted on the data sheet  
Environment Conditions Maintained during the Calibration: Standard Lab Condition

Onsite Lab. Condition  
Temperature: 30°C ± 5°C & Humidity: 45% RH ± 10% RH

The instrument Under Calibration has been calibrated using above noted environment conditions, Testech Laboratory Reference Standard and applicable Calibration Procedure. The Calibration date has been taken, analyzed and reported separately. It is certified that the instrument under calibration complies the specifications of accuracy and working within the Uncertainty/Deviation/Error Limits. After the calibration this instrument stands Traceable and Fit for Inspection, Measuring Test or Process Control of Specific Parameter (s).

Traceability Number: M - 894  
National or International: NPSL - Pakistan

Nominal Temperature Indicated on the Methylene Chlorine Test Cabinet (°C)	Actual/Observed Value on the Testech Laboratory Standard (°C)	Tolerance/Deviation (°C)
50.0	050.01	0.01
100.0	100.07	0.07
200.0	200.04	0.04
300.0	300.00	0.00

Average Deviation: ± 5°C

Instrument Calibrated on Dated: Day [18] Month [01] Year [2025]  
Instrument Calibrated Due Dated: Day [17] Month [01] Year [2026]

Prepared by: Technical Manager  
Issued by: Technical Director



## CERTIFICATE OF CALABRATION & TRACEABILITY



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Certificate No: TT/339/008  
Traceability No: GS/339/08

Date of Issue: 20-01-2025  
Calibration Cycle No: 1st

### CERTIFICATE of CALIBRATION & TRACEABILITY

This certificate of compliance to the specification of the accuracy of the Instrument under Calibration meets the requirements of Clause: 7.6, ISO (2015). This document has been issued as an effective evidence of Calibration and Traceability to the International/National Standards to meet the IRCA registered third party audits

Client: Global Star Pipes (Pvt.) Ltd, Plot #197, Road #5, Industrial Estate, Gadoon Amazai Swabi, KPK, Pakistan.

Client's Ref. No: GS/339/01  
Item/Instrument: Top Loading Scale  
Model/Sr. No: N/A  
Calibrated Range: 0 to 200Kg  
Dial Size/Probe: Digital

Dated: 18-01-2025  
Id. Code: GS/TLS/001  
Resolutions: 50gm  
Make: China

### CALIBRATION REPORT

Applicable Calibration Procedure Number: QSP-007  
Testech Lab Reference Standard Number: Noted on the data sheet  
Environment Conditions Maintained during the Calibration: Standard Lab Condition

Onsite Lab. Condition  
Temperature: 30°C ± 5°C & Humidity: 45% RH ± 10% RH

The instrument Under Calibration has been calibrated using above noted environment conditions, Testech Laboratory Reference Standard and applicable Calibration Procedure. The Calibration date has been taken, analyzed and reported separately. It is certified that the instrument under calibration complies the specifications of accuracy and working within the Uncertainty/Deviation/Error Limits. After the calibration this instrument stands Traceable and Fit for Inspection, Measuring Test or Process Control of Specific Parameter (s).

Traceability Number: M - 785  
National or International: NPSL - Pakistan

Calibration Standard used: Pre-calibrated SS Weights

Nominal Temperature Indicated on the Top Loading Scale (Kg)	Actual /Observed Value on the Testech Laboratory Standard (Kg)	Error/Deviation (Kg)
1.00	1.00	0.00
2.00	2.00	0.00
4.00	4.00	0.00
10.00	10.00	0.00
15.00	15.00	0.00
20.00	19.95	0.5

Average Deviation: ± 20 g

Instrument Calibrated on Dated: Day [18] Month [01] Year [2025]  
Instrument Calibrated Due Dated: Day [17] Month [01] Year [2026]

Prepared by: Technical Manager  
Issued by: Technical Director

Website: www.testtechlab.com



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Certificate No: TT/339/011  
Traceability No: GS/339/11

Date of Issue: 20-01-2025  
Calibration Cycle No: 1st

### CERTIFICATE of CALIBRATION & TRACEABILITY

This certificate of compliance to the specification of the accuracy of the Instrument under Calibration meets the requirements of Clause: 7.6, ISO (2015). This document has been issued as an effective evidence of Calibration and Traceability to the International/National Standards to meet the IRCA registered third party audits

Client: Global Star Pipes (Pvt.) Ltd, Plot #197, Road #5, Industrial Estate, Gadoon Amazai Swabi, KPK, Pakistan.

Client's Ref. No: GS/339/07  
Item/Instrument: Heat Reversion Test Cabinet  
Model/Sr. No: N/A  
Calibrated Range: 0 to 1000°C  
Dial Size/Probe: Digital

Dated: 18-01-2025  
Id. Code: KE/HRTC/001  
Resolutions: 1° C  
Make: China

### CALIBRATION REPORT

Applicable Calibration Procedure Number: QSP-007  
Testech Lab Reference Standard Number: Noted on the data sheet  
Environment Conditions Maintained during the Calibration: Standard Lab Condition

Onsite Lab. Condition  
Temperature: 30°C ± 5°C & Humidity: 45% RH ± 10% RH

The instrument Under Calibration has been calibrated using above noted environment conditions, Testech Laboratory Reference Standard and applicable Calibration Procedure. The Calibration date has been taken, analyzed and reported separately. It is certified that the instrument under calibration complies the specifications of accuracy and working within the Uncertainty/Deviation/Error Limits. After the calibration this instrument stands Traceable and Fit for Inspection, Measuring Test or Process Control of Specific Parameter (s).

Traceability Number: M - 894  
National or International: NPSL - Pakistan

Calibration Standard used: Pre-calibrated Digital Thermometer/Pyrometer

Nominal Temperature Indicated on the Heat Reversion Test Cabinet (°C)	Actual /Observed Value on the Testech Laboratory Standard (°C)	Tolerance/Deviation (°C)
50.0	050.01	0.01
150.0	150.07	0.07
300.0	300.04	0.04
500.0	500.00	0.00

Average Deviation: ± 5 °C

Instrument Calibrated on Dated: Day [18] Month [01] Year [2025]  
Instrument Calibrated Due Dated: Day [17] Month [01] Year [2026]

Prepared by: Technical Manager  
Issued by: Technical Director

Website: www.testtechlab.com



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Certificate No: TT/339/009  
Traceability No: GS/339/09

Date of Issue: 20-01-2025  
Calibration Cycle No: 1st

### CERTIFICATE of CALIBRATION & TRACEABILITY

This certificate of compliance to the specification of the accuracy of the Instrument under Calibration meets the requirements of Clause: 7.6, ISO (2015). This document has been issued as an effective evidence of Calibration and Traceability to the International/National Standards to meet the IRCA registered third party audits

Client: Global Star Pipes (Pvt.) Ltd, Plot #197, Road #5, Industrial Estate, Gadoon Amazai Swabi, KPK, Pakistan.

Client's Ref. No: GS/339/01  
Item/Instrument: Platform Scale  
Model/Sr. No: PRI - 200  
Calibrated Range: 0 to 300Kg  
Dial Size/Probe: Digital

Dated: 18-01-2025  
Id. Code: GS/PFS/001  
Resolutions: 50gm  
Make: China

### CALIBRATION REPORT

Applicable Calibration Procedure Number: QSP-007  
Testech Lab Reference Standard Number: Noted on the data sheet  
Environment Conditions Maintained during the Calibration: Standard Lab Condition

Onsite Lab. Condition  
Temperature: 30°C ± 5°C & Humidity: 45% RH ± 10% RH

The instrument Under Calibration has been calibrated using above noted environment conditions, Testech Laboratory Reference Standard and applicable Calibration Procedure. The Calibration date has been taken, analyzed and reported separately. It is certified that the instrument under calibration complies the specifications of accuracy and working within the Uncertainty/Deviation/Error Limits. After the calibration this instrument stands Traceable and Fit for Inspection, Measuring Test or Process Control of Specific Parameter (s).

Traceability Number: M - 785  
National or International: NPSL - Pakistan

Calibration Standard used: Pre-calibrated SS Weights

Nominal Temperature Indicated on the Top Loading Scale (Kg)	Actual /Observed Value on the Testech Laboratory Standard (Kg)	Error/Deviation (Kg)
1.00	1.00	0.00
2.00	2.00	0.00
5.00	5.00	0.00
10.00	10.00	0.00
15.00	15.00	0.00
20.00	20.00	0.00

Average Deviation: ± 20 g

Instrument Calibrated on Dated: Day [18] Month [01] Year [2025]  
Instrument Calibrated Due Dated: Day [17] Month [01] Year [2026]

Prepared by: Technical Manager  
Issued by: Technical Director

Website: www.testtechlab.com



# CERTIFICATE OF CALABRATION

## TRACEBILITY



**Testech**  
(TESTING & CALIBRATION LAB)



Ref: TT/GSP//02/Test  
Date: 18-01-2025

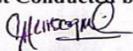
**Quality Control Manger**  
Global Star Pipes (Pvt.) Ltd  
Plot #197, Road #5, Industrial Estate,  
Gadoon Amazai Swabi, KPK, Pakistan.

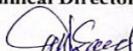
**(Noise Test Report)**

Department	Type Of Noise		Observed Value (dB)	Noise Level (NEQS Limit) (dB)	Remarks
	Continuous	Intermittent			
Q.C. Laboratory	✓	-	57.7	80	Within the limit
Production Hall side I	✓	-	81.1	80	Above the limit
Production Hall side II	✓	-	84.0	80	Above the limit
Mixing Room	✓	-	82.7	80	Above the limit
Finish Goods Store	✓	-	50.4	80	Within the limit

Recommended Range (NEQS):

The Noise intensity < 80 dB

(Test Conducted by)  
  
Dr. Arshad Khan

(Technical Director)  
  
Waqas Saeed

Note: 1. This Analytical /Test report is based on the Condition of Environment (s) Supplied by the Customer and cannot be used Publicity /Advertisement.  
2. This report shall not be reproduced in part and the party/parties utilizing it in any way shall be fully responsible.

H # 7, Down Street # 2, New Defense Society, Warsak Road, Peshawar. Ph.: 091-5275909

Website: www.testtechlab.com



**Testech**  
(TESTING & CALIBRATION LAB)



Ref: TT/GSP/01/Test  
Date: 18-01-2025

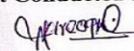
**Quality Control Manger**  
Global Star Pipes (Pvt.) Ltd  
Plot #197, Road #5, Industrial Estate,  
Gadoon Amazai Swabi, KPK, Pakistan.

**Light Visibility Test**  
Verification Report **G-03 (538)**  
The Measurements are taken after the Test. Following are the observations.

Department	Observed Value ( Lux )	Standard Value ( Lux )	Deviation ( Lux )
Q.C. Laboratory	400	200	Within the limit
Production Hall C - I	428	200	Within the limit
Production Hall C - II	390	200	Within the limit
Mixing Section	118	200	Below the limit
Crusher Room	700	200	Within the limit
Finish Goods Store	1200	200	Within the limit

Recommended Range (NEQS)

The light intensity > 200 Lux

(Test Conducted by)  
  
Dr. Arshad Khan

(Technical Director)  
  
Waqas Saeed

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Website: www.testtechlab.com



## INDEPENDENT LAB REPORT OF UPVC

### Quality Control Test Report

Sample Description & Size	UPVC Grey pipe 6 Inch Class C (9 Bar) BS 3505
Project	Internal
Reported to	Global Star Pipes Lab- Internal Quality Assurance
Date of Production	06.02.2025
Date & Lab Reference:	06.02.2025: QC.Lab: 009

**Introduction:**

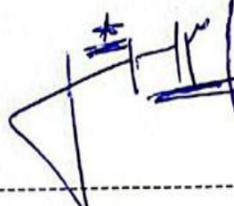
Random samples of UPVC pipe 6 inch Class C has been collected from production line and tested. Here are the following test results:

Raw Material			
Test Name	Applied Std.	Requirements	Results
Raw Material	BS 3505	UPVC	Virgin UPVC+ Owned Regrind
Specific Gravity	ISO 1183	1.42~1.46 g/cm <sup>3</sup>	1.45 g/cm <sup>3</sup>

Physical Properties			
Test Name	Applied Std.	Requirements	Results
<b>Dimensions</b>			
i. Mean O.D.	BS 3505	Min: 167.4mm	168.0mm
		Max: 169.1mm	168.7mm
ii. Wall Thickness	BS 3505	Min: 6.6mm	6.9mm
		Max: 7.6mm	7.4mm
General Appearance	BS3505	Grey	Grey, Satisfactory
Heat Reversion Test	BS 3505	Change in length should not be more than ± 5% @ 150 °C for 15 min	2.9 %
Opacity	ISO 3474	< 0.2 %	0.07 %
Vicat Softening Point	ISO 2507	> 79 ° C	83 ° C

Chemical Properties			
Test Name	Applied Std.	Requirements	Results
Resistance to Methylene chloride	BS 3505	No delamination, bubbles or disintegration should occur	Passed

Mechanical Properties			
Test Name	Applied Std.	Requirements	Results
Impact Resistance	BS 3505	TIR < 10% @3.75kg and 8 blows	Passed
Tensile Strength	ISO 527	≥ 44 N/mm <sup>2</sup>	46 N/mm <sup>2</sup>
Hydrostatic Pressure Test @ 20°C for 1hr	BS 3505	Pipes shall withstand 32.4 bar pressure for 1 hours	Passed

Tested By:    
 Lab Engineer



## INDEPENDENT LAB REPORT OF HDPE

**GLOBAL STAR PIPES**  
Quality Control Test Report

Sample Description & Size	HDPE Pipe Size 63mm PN10
Project	Public Health Bunair
Reported to	Global Star Pipes Lab- Internal Quality Assurance
Date of Production	11.07.2025
Date & Lab Reference:	15 .07.2025: QC. Lab: 0010

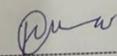
**Introduction:**  
Random samples of HDPE pipe Size 63mm PN10 has been collected from production line and tested. Here are the following test results:

Raw Material			
Test Name	Applied Std.	Requirements	Results
Raw Material	ISO 4427	PE 100	PE 100
Density	ISO 1183	> 0.960 g/cm <sup>3</sup>	0.959 g/cm <sup>3</sup>
Melt Flow Rate	ISO 1133/ ISO 4427	<0.5 g/10 mint @5kg, 190C	0.3g/10 mint

Physical Properties			
Test Name	Applied Std.	Requirements	Results
<b>Dimensions</b>			
i. Mean O.D.	ISO 4427	Min: 63mm	63.1
		Max: 63.5mm	63.3
ii. Wall Thickness	ISO 4427	Min: 3.80mm	3.82mm
		Max: 3.80mm	3.90mm
General Appearance	ISO 4427	Color of the pipes must be homogenous, free from pinholes, deep cuts etc	Satisfactory
Heat Reversion Test	ISO 4427	Change in length should not be more than ± 3% @ 110 °C for 30 min	2.7 %

**GLOBAL STAR PIPES**

Mechanical Properties			
Test Name	Applied Std.	Requirements	Results
Tensile Strength	ISO 527	≥ 22 N/mm <sup>2</sup>	22.80N/mm <sup>2</sup>
Hydrostatic Pressure Test at 20 C	ISO 4427/ DIN 8075/ ISO 1167	No failure at hoop stress 12.4 Mpa pressure for 1 hour	Passed

Tested By:   
Lab Engineer

**GLOBAL STAR PIPES**  
Quality Control Test Report

Sample Description & Size	HDPE Pipe Size 40mm PN10
Project	Public Health Bunair
Reported to	Global Star Pipes Lab- Internal Quality Assurance
Date of Production	07.07.2025
Date & Lab Reference:	10 .07.2025: QC. Lab: 0010

**Introduction:**  
Random samples of HDPE pipe Size 40mm PN10 has been collected from production line and tested. Here are the following test results:

Raw Material			
Test Name	Applied Std.	Requirements	Results
Raw Material	ISO 4427	PE 100	PE 100
Density	ISO 1183	> 0.960 g/cm <sup>3</sup>	0.957 g/cm <sup>3</sup>
Melt Flow Rate	ISO 1133/ ISO 4427	<0.5 g/10 mint @5kg, 190C	0.3g/10 mint

Physical Properties			
Test Name	Applied Std.	Requirements	Results
<b>Dimensions</b>			
i. Mean O.D.	ISO 4427	Min: 40mm	40.2
		Max: 40.5mm	40.4
ii. Wall Thickness	ISO 4427	Min: 2.40mm	2.45mm
		Max: 2.45mm	2.50mm
General Appearance	ISO 4427	Color of the pipes must be homogenous, free from pinholes, deep cuts etc	Satisfactory
Heat Reversion Test	ISO 4427	Change in length should not be more than ± 3% @ 110 °C for 30 min	2.7 %

**GLOBAL STAR PIPES**  
Quality Control Test Report

Sample Description & Size	HDPE Pipe Size 32mm PN10
Project	Public Health Bunair
Reported to	Global Star Pipes Lab- Internal Quality Assurance
Date of Production	06.07.2025
Date & Lab Reference:	08 .07.2025: QC. Lab: 0010

**Introduction:**  
Random samples of HDPE pipe Size 32mm PN10 has been collected from production line and tested. Here are the following test results:

Raw Material			
Test Name	Applied Std.	Requirements	Results
Raw Material	ISO 4427	PE 100	PE 100
Density	ISO 1183	> 0.960 g/cm <sup>3</sup>	0.956 g/cm <sup>3</sup>
Melt Flow Rate	ISO 1133/ ISO 4427	<0.5 g/10 mint @5kg, 190C	0.3g/10 mint

Physical Properties			
Test Name	Applied Std.	Requirements	Results
<b>Dimensions</b>			
i. Mean O.D.	ISO 4427	Min: 32mm	32
		Max: 32.5mm	32.3
ii. Wall Thickness	ISO 4427	Min: 2.00mm	2.1mm
		Max: 2.1mm	2.2mm
General Appearance	ISO 4427	Color of the pipes must be homogenous, free from pinholes, deep cuts etc	Satisfactory
Heat Reversion Test	ISO 4427	Change in length should not be more than ± 3% @ 110 °C for 30 min	2.7 %

**GLOBAL STAR PIPES**  
Quality Control Test Report

Sample Description & Size	HDPE Pipe Size 50mm PN10
Project	Public Health Bunair
Reported to	Global Star Pipes Lab- Internal Quality Assurance
Date of Production	09.07.2025
Date & Lab Reference:	13 .07.2025: QC. Lab: 0010

**Introduction:**  
Random samples of HDPE pipe Size 50mm PN10 has been collected from production line and tested. Here are the following test results:

Raw Material			
Test Name	Applied Std.	Requirements	Results
Raw Material	ISO 4427	PE 100	PE 100
Density	ISO 1183	> 0.960 g/cm <sup>3</sup>	0.958 g/cm <sup>3</sup>
Melt Flow Rate	ISO 1133/ ISO 4427	<0.5 g/10 mint @5kg, 190C	0.3g/10 mint

Physical Properties			
Test Name	Applied Std.	Requirements	Results
<b>Dimensions</b>			
i. Mean O.D.	ISO 4427	Min: 50mm	50.2
		Max: 50.5mm	50.4
ii. Wall Thickness	ISO 4427	Min: 3.00mm	3.3mm
		Max: 3.4mm	3.3mm
General Appearance	ISO 4427	Color of the pipes must be homogenous, free from pinholes, deep cuts etc	Satisfactory
Heat Reversion Test	ISO 4427	Change in length should not be more than ± 3% @ 110 °C for 30 min	2.7 %



# THANK YOU



Manufactures According To International standards

