

सेन्ट्रल इंस्टीट्यूट ऑफ़ पेट्रोकेमिकल्स  
इंजीनियरिंग एण्ड टेक्नोलॉजी  
(पूर्व में सेन्ट्रल इंस्टीट्यूट ऑफ़ प्लास्टिक्स इंजीनियरिंग एण्ड टेक्नोलॉजी)  
प्रधान कार्यालय. पी.डी. आई सेल्  
रसायन एवं पेट्रो रसायन विभाग  
रसायन एवं उर्वरक मंत्रालय, भारत सरकार  
टी.वी.के. औद्योगिक इस्टेट, गिंडी, चेन्नई - 600 032.  
दूरभाष : 044-29813708 (Direct) / 044-22254780 (Extn.-502)  
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**CENTRAL INSTITUTE OF PETROCHEMICALS  
ENGINEERING & TECHNOLOGY**  
(Formerly Central Institute of Plastics Engineering & Technology)  
**Head Office, PDI Cell**  
Department of Chemicals & Petrochemicals  
Ministry of Chemicals & Fertilizers, Govt. of India  
TVK Industrial Estate, Guindy, Chennai - 600 032.  
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**CIPET / OF / 7741**

**Name of the Inspecting Official: Shashikumar A M. W.O. Centre: Kochi**  
**Code No. : 1565 Camp at: M/S. Sri Amman Polymers pvt Limited, Sulur-CBE**

**INSPECTION REPORT**

1.	Ref. No : IB00422000502051	Date: 09.12.2022
2.	Name of the Indenter / Consignee with detailed address	The Executive Engineer, Kerala Water Authority P H Division ,Irinjalakuda - 680121
3.	Indenter Order No. & Date and Extension	No.D5-56/2021 DT 07.10.2022
4.	Details of the Consignee	The Executive Engineer, Kerala Water Authority P H Division ,Irinjalakuda - 680121
5.	Name of the Supplier / Contractor	M/s. Sri. Mohammed Ali, Thadathil Hosue Kanyam Po Shoranur-679121
6.	Supplier Order No. & Date (if any)	-
7.	Name and address of the Manufacturer / Inspection site	M/s. Sri Amman Polymers Pvt.Limited.S.F No.16 Kalangal Road, Sulur, Coimbatore 641402
8.	Manufacturer / Supplier Inspection Call Letter No. & Date	Ref.No. SAPPL/034/3022 DT 30.11.2022
9.	PDI Cell Assignment No. & Date	Ref No: CIPET/HO/2022235469 Dt on 02.12.2022
10.	Date of inspection	Initiated on: 09.12.2022 Completed on: 09.12.2022
11.	Any other information	Manufacturer BIS License No. CM/L- 3473765 JJM-Nattika Grama Panchyath Providing FHTCs to Rural House Holds Retrofits and Augumentation of existng water supply schemes.

**DETAILS OF THE STORES**

Sl. No.	Description of the Items	Quantity as per order	Quantity inspected earlier (Cumulative)	Quantity offered for inspection	Quantity Accepted	Quantity Rejected	Quantity Balance
UPVC pipes as per IS -4985:2021 with ISI certification mark							
1.	50 mm OD Class-3(6kgf/cm <sup>2</sup> ) Socketed	5000 Mtrs	NIL	5000Mtrs (833 Pcs x 6mtrs + 2 mtr)	5000Mtrs (833 Pcs x 6mtrs + 2mtr)	NIL	NIL

**Remarks:** All accepted items are stamped thus-



1. Certified that the items as detailed above have been inspected and accepted. The accepted items may be dispatched to the consignee. The Inspection Document Nos **IB00422000502051 /01 dated 09.12.2022** are enclosed.
2. This inspection report is valid for 30 days and any Dispute/discrepancies/claims may be brought to the notice of the undersigned within 30 days from the date of issue of this report.

**AUTHORISED SIGNATORY**  
**Mr. Shashikumar A M (Code:1565)**

**CC: 1. M/s. Sri Amman polymers Pvt Limited 2. Sri. Mohammed Ali, Contractor 3. EE, KWA 4. CIPET -Kochi**

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**CIPET / QF / 7742**

**Name of the Inspecting Official: Shashikumar A M.**  
**Code No. : 1565**

**W.O. Centre: Kochi**

**Camp at: M/S. Sri Amman Polymers pvt Limited, Sulur-CBE**

**INSPECTION DOCUMENT**

**Issued to : The Executive Engineer, Kerala Water Authority, P H Division, Irinjalakuda - 680121**  
Manufacturer Supplier Inspection Call Letter No. & Date: M/s. Sri Amman Polymers Private Limited,  
: SAPPL/034/3022 dt 30.11.2022

INSPECTION DOCUMENT AS PER IS NO. / QAP NO. : 4985-2021  
DOC. NO.: **IB00422000502051 /01**

Page No.: 1 of 2  
**DATE: 09.12.2022**

**PART - A: PARTICULARS OF STORES**

a) Description of the items	UPVC pipes as per IS:4985-2021
b) Grade/Variety/Type/Size/Class etc.	50mm Class-3 (6Kgf/Cm <sup>2</sup> ) (Socketed)
c) Declared Value, if any	Nil.
d) Quantity	5000 Mtrs (833 Pcs x 6mtrs + 2mtr)
Any Other Information	1. CIPET/HO/2022235469 Dt on 02.12.2022 2. Batch No: 2022 07 28 001 1

**PART - B: SUPPLEMENTARY INFORMATIONS :**

a) Reference to sampling procedure : IS- 4985-2021 ( Random Sampling Method)

**b) PART - C: RESULTS OF WITNESSED TESTS & REVIEW OF DOCUMENTS**

Results of Witnessed Tests					
Sl. No.	Clause No. / QAP Sl. No.	Tests Witnessed	Unit	Specified requirements	Observed Results
1	7.1	Dimension of pipes			
2	7.1.1.1	Mean outside diameter	mm	Min.- 50.0, Max.- 50.30	Min : 50.12 Max : 50.28
3	7.1.1.2	Diameter at any Point	mm	Min.- 49.40, Max.-50.60	Min : 50.06 Max : 50.18
4	7.1.2	Wall thickness	mm	Min.- 1.7 Max.- 2.2	Min : 1.74 Max : 1.86
			mm	Average - (Max) - 2.0	1.86
5	7.1.4.1	Effective length	meter	6.00 (min.)	6.02
		Socket length	mm	31.00(min.)	41.00
6	7.2.1.1	MSID	mm	Min.-50.10 Max.- 50.30	Min : 50.16 Max : 50.26
7	9.1	Pipe ends meant for solvent cementing		The ends of pipe meant for solvent cementing (both plain & bell ended) shall be cleanly cut & shall be reasonably square to the axis of the pipe or may be chamfered at the plain end	Satisfactory
		Color of the pipes		The Colour of the pipes shall be grey. Slight variation in the appearance of the colour are permitted	Grey
8	10.1.1	Internal & external surfaces of the pipe		Internal & External surface of pipes shall be smooth, clean free from grooving & other defects.	Satisfactory
9	10.2	Opacity	%	0.2 Max.	0.00 %
10	10.4	Reversion test	%	Shall not alter in length by more than 5 %	2.50

*(Handwritten signature)*

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Sl. No.	Clause No. / QAP Sl. No.	Test Parameters / Documents	Certificate / Report No. & Date	Certificate / Report Issued by	Review / Remarks
11	10.5	Vicat softening temperature	°C	Shall not less than 80° C	84.00
12	10.6	Density	gms/cm <sup>3</sup>	1.40 - 1.46	1.44
13	10.7	Sulphated ash content test	%	Shall not exceed 11 %	9.65
14	11.1	Hydrostatics characteristic-Acceptance Test - 1 hour at 27° C & 4.19 X 0.6 MPa.	-	The Pipe shall not fail during the prescribed test duration	Confirm
15	11.2	Resistance to External Blows at 0°C	%	Shall have a true impact rate of not more than 10%	(0/25)
16	13.1	Marking on Each Pipe	-	AQUATUF - 50 mm class 3 6 kgf 2022 07 28 001 1	Confirm
	13.1.1	Colour of Marking	-	Class-1/2/3/4/5/6-Plumbing-Red/Blue/Green/Brown/Yellow/Black	Confirm
	13.1.2	Blue Strip for (Type A)	-	The Pipe for Water supply Type A Shall Additionally bear continuous longitudinal Blue colour strip printing and this longitudinal blue colour shall be so placed as to not merge/distrub the information marked on the pipes as per 13.1	Confirm
	13.1.3	Lot Number/Batch Number	-	2022 07 28 001 1	Confirm
17	13.2	BIS Certification marking	-	Marking with CM/L No:3473765	Confirm

Review of Documents (if any):

Sl. No.	Clause No. / QAP Sl. No.	Test Parameters / Documents	Certificate / Report No. & Date	Certificate / Report Issued by	Review / Remarks
1	6.1.1	VCM content	Lot No 999767 & 999773 Dated:22.04.2022	SHIN-ETSU CHEMICAL CO LTD.,Japan	Reviewed
2	6.1.2	K-value			
3	10.3	Effect on Water	SI No:-9399 26.08.2022	CIPET Kochi	Reviewed
4	11.1	Hydrostatics Characteristic- Type Test - 1000 hour at 60° C & 1.16 X 0.6 MPa.	Internal Test Report Dt 27.11.2021 of Manufacturer(as per STI of BIS) & Sample submitted to CIPET-KOCHI	M/s.Sri Amman Polymers Private limited,Sulur & Ltr No : dt 21.07.2022	Reviewed

PART - D: REMARKS

- This Inspection document shall not be reproduced except in full without the written approval of the PDI Cell at CIPET Head Office, Chennai.
- These witness results relate exclusively to the work ordered or the object (s) or the lot inspected.
- Lab. Environmental Condition during the witness of tests: Temperature 27±2 °C & Relative Humidity -65±5%

*(Handwritten Signature)*  
09/10/22

AUTHORISED SIGNATORY  
Mr.Shashikumar A M (Code-1565)