



SOUTH AFRICAN TECHNICAL AUDITING SERVICE

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PLASTIC PIPE MANUFACTURERS

The following are some aspects we have to address to ensure compliance.

1) **SAMPLING and TESTING:**

Sampling and testing of certified product are addressed in our agreement and addendum 14. This has to be performed to maintain certification. Unfortunately, we cannot re-certify in cases where the necessary tests were not performed. Sampling and delivery to the test facility is not enough. It is the duty of the manufacturer to make sure that the actual testing is started. Differences between the test facility and the manufacturer is not an excuse to delay testing.

Concerned Manufacturers reported that SATAS only take small diameter pipes for testing. We did start off with the testing of smaller diameter pipes for different reasons. We are however now in a position to test larger diameter product and will do so in future

2) **MFR**

MFR testing will be dealt with as follows:

COA from Raw material supplier to include

- a) Actual MFR minimum and Maximum values calculated as per the standard (Min & Max)
- b) Actual results for batch
- c) Nominated MFR value (to be declared, not necessarily on the COA. It must state that this value is the nominated MFR value from the raw material supplier "x" as per the requirement SANS ISO 4427-1 table 1 footnote "f")

Incoming inspection Manufacturer

- d) MFR value to comply with 2c +/- 20% maximum deviation from the nominated value as per 2c

Final control MFR test on product

- e) MFR value to comply with result of incoming inspection 2a +/- 20% of value with result within range as per standard

Above also includes the MFR of any regrind as per SANS ISO 4427-1

3) **WATER QUALITY**

SATAS will select samples on the final material blend for random testing for freedom from toxicity and effect on water quality.

PLASTIESE PYP VERVAARDIGERS

Die volgende is sommige van die aspekte wat ons moet adresseer om voldoening te verseker.

1) **MONSTERNEMING en TOETS**

Bemonstering en toets van gesertifiseerde produkte word in ons ooreenkoms en addendum 14 aangespreek. Hierdie is belangrik om volgehoue sertifisering te verseker. Her sertifisering sal nie gedoen word indien die vereistes nie nagekom is nie. Aflewering by die laboratorium is nie genoeg. Dit is die vervaardiger se plig om te verseker dat toetse begin word. Verskille tussen Laboratorium en vervaardiger is geen rede om toetse te vertraag nie

Bekommerde vervaardigers het genoem dat SATAS slegs klein diameter pype bemonster vir toets. Ons het met die kleiner pype begin om verskeie redes. Die laboratorium is nou in staat om groter pype te toets en ook groter pype sal dus in die toekoms bemonster word vir toets.

2) **MFR**

MFR toetse sal soos volg hanteer het.

COA van die rou material voorsiener moet volgende aandui.

- a) Werklike MFR minimum en maksimum waardes volgens die standaard bereken (Min & Max)
- b) Werklike resultaat vir lot
- c) Genomineerde waarde (moet verklaar word, nie noodwendig op COA. Dit moet verklaar dat dit die genomineerde MFR waarde van die rou material voorsiener x is, soos vereis in SANS ISO 4427-1 table 1 footnote "f")

Inkomende inspeksie Vervaardiger

- d) MFR waarde moet voldoen aan 2c +/- 20% met maksimum toelaatbare afwyking van die genomineerde waarde soos in 2c.

Finale kotrole MFR toets op produk

- e) MFR waarde moet voldoen aan resultaat van inkomende inspeksie 2a +/- 20% van waarde met resultaat binne toleransie soos in standard vereis.

Bostaande sluit ook die MFR waardes van enige herverwerkte material soos per SANS ISO 4427-1 in.

3) **WATER KWALITEIT**

SATAS sal monsters van die finaal gemengde materiaal neem vir willikeurige toets vir "freedom of toxicity" en "effect on water quality"



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4) RAW MATERIAL:

SATAS will in future, from time to time take samples from the raw material for selective testing.

For the relevant raw material as for HDPE and Polypropylene, the pipe Manufacturer must obtain and keep on record the SANS 9080 test report from each raw material supplier where it is so required in the standard. In the case of PVC it is the manufacturer's duty to get the formulation tested to SANS 9080 as required by the relevant product standard. Failing to adhere to above is a violation of the agreement and the standard requirements.

5) DUAL CERTIFICATION:

Certification to the same product standard by 2 different certification entities is not allowed.

6) TEST METHODS:

It is important for each manufacturer to have the latest issue of all the relevant test methods on tests performed inhouse available in the test facility. Non-compliance will be regarded as a major non-conformance.

7) CERTIFICATION SERVICES

Oversight in certification services rendered in the past is no excuse for non-compliance at present or in the future. We depend on our certified manufacturers to co-operate with us to ensure that the end-user is supplied with a product of the expected quality. A product on which we can proudly display the Manufacturer's brand name as well as the SATAS certification logo.

8) SATAS OFFICE

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We appreciate your input and support.

Regards
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SATAS

4) ROU MATERIAAL

SATAS sal in die toekoms monsters van rou material neem vir selektiewe toetsing.

Die pyp vervaardiger sal vir die relevante rou material soos HDPE en polliepropeleen die nodige SANS 9080 toets verslag van elke rou material voorsiener bekom waar dit deur die standaard vereis word. In die geval van PVC is dit die vervaardiger se plig om die formulاسie volgens SANS 9080 te laat toets soos deur die betrokke standard vereis. Indien nie, is dit nie-nakoming van n vereiste van ons ooreenkoms asook die standard.

5) DUBBEL SERTIFISERING

Sertifisering van n produk standard deur 2 verskillende sertifiserings entiteite word nie toegelaat nie.

6) TOETS METODES

Dit is belangrik dat elke vervaardiger die nuutste uitreiking van alle toetsmetodes wat inhuis gedoen word in die laboratorium beskikbaar sal he. Nie-nakoming sal as n ernstige afwyking hanteer word.

7) SERTIFISERINGS DIENSTE

Gehalte van sertifisering dienste in die verlede is nie n verskoning vir nie-nakoming, Nie nou nie en ook nie in die toekoms nie. Ons het elke gesertifiseerde klient se ondersteuning nodig om te verseker dat die end verbruiker kwaliteit produkte ontvang. Produkte waarop ons met trots die vervaardiger sowel as die SATAS sertifisering logo kan vertoon.

8) SATAS KANTOOR

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Ons waardeer jou insette en ondersteuning.

Groete
Abe Stears
SATAS