

## **NS GRP BYPASS SEPARATORS - DECLARATION OF PERFORMANCE**

kingspan-klargest-nsbe-010-125-dop-en-oct2021-v1

1. Unique identification code of the product-type:

**Separator Systems for Light Liquids, GRP Construction  
NSBE010 to NSBE125**

2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4) of the CPR:

**Serial Number/Works Order Number printed on the Product Information Label  
& affixed to product**

3. Intended use/es of the product, in accordance with the applicable harmonized technical specification, as foreseen by the manufacturer:

**To be used for Collection & Separation of Light Liquids from Wastewater by means of gravity and/or coalescence**

4. Manufacturer name, registered trade name or registered trade mark and contact address as required under Article 11(5):

**Kingspan Water & Energy Ltd  
College Rd North  
Aston Clinton, Aylesbury, Buckinghamshire  
HP22 5EW**

5. Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2):

**N/A**

6. System/s of assessment and verification of constancy of performance (AVCP) of the product as set out in CPR, Annex V:

**4**

7. In case of the declaration of performance concerning a construction product covered by a harmonised standard:

**EN:858-1:2002**

Notified body/ bodies:

**Notified Body No: 1739 + PIA Prüfinstitut für Abwassertechnik GmbH**

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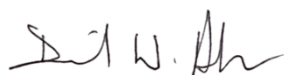


8. Declared performance/s:

| Essential characteristics                |        | Performance                                             |                            |      | Harmonised technical specification |
|------------------------------------------|--------|---------------------------------------------------------|----------------------------|------|------------------------------------|
| Crushing Resistance (vertical load test) |        | Pass (also wet conditions)                              |                            |      | EN:858-1:2002                      |
| Structural Behaviour                     |        | Pass                                                    |                            |      |                                    |
| Reaction to fire                         |        | Class E                                                 |                            |      |                                    |
| Water Tightness (water test)             |        | Pass                                                    |                            |      |                                    |
| Material Durability                      |        | Creep Factor $\alpha_{material}$ = 0,48 (average value) |                            |      |                                    |
|                                          |        | Ageing Factor ( $\beta$ ) = 0,46 (average value)        |                            |      |                                    |
| Treatment Efficiency                     | Sample | Specified Maximum Light Liquid (mg/l)                   | Actual Light Liquid (mg/l) |      |                                    |
|                                          | 1      | ≤10                                                     | <0.2                       | Pass |                                    |
|                                          | 2      | ≤10                                                     | <0.2                       | Pass |                                    |
|                                          | 3      | ≤10                                                     | <0.2                       | Pass |                                    |
|                                          | 4      | ≤10                                                     | <0.2                       | Pass |                                    |
|                                          | 5      | ≤10                                                     | <0.2                       | Pass |                                    |
| Average                                  |        | ≤5                                                      | <0.2                       | Pass |                                    |
| Electrical Consumption                   |        | n/a                                                     |                            |      |                                    |

9. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 8. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:



David Anderson – Water Business Unit Director

At Portadown on 22 September 2021

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