



Prüfinstitut für
Abwassertechnik
GmbH

PERFORMANCE RESULTS

Harrington Concrete & Quarries
Cloghvoley, Kilkelly, Ireland

EN 12566-3

Results corresponding to the Irish National Annex for IS EN 12566-3

Small wastewater treatment system Hydro KlENZE
Biological aerated filter system

Nominal organic daily load*	0.28	kg/d		
Nominal hydraulic daily load	0.9	m ³ /d		
Material	concrete			
Watertightness (water test)	pass			
Crushing resistance (calculation method)	pass (also wet conditions)			
Durability	pass			
Treatment efficiency (nominal sequences)		Efficiency	Effluent	
	COD	90.3 %	63 mg/l	
	BOD ₅	95.2 %	14 mg/l	
	SS	93.3 %	21 mg/l	
	NH ₄ -N*	84.9 %	5.4 mg/l	
Electrical consumption	1.8	kWh/d		

*at a test influent of ≥ 300 mg/l BOD₅ (mean)

Performance tested by:

PIA – Prüfinstitut für Abwassertechnik GmbH
(PIA GmbH)
Hergenrather Weg 30
52074 Aachen, Germany

This document replaces neither the declaration
of performance nor the CE marking.



Notified Body
No.: 1739



Certified according to
ISO 9001:2008



Deutsche
Akkreditierungsstelle
D-PL-17712-01-00

Prüfinstitut für Abwassertechnik GmbH

geprüft - tested - teste

Elmar Lancé

July 2014