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Client:	Specialist Castings Ltd Tatham Street Sunderland Tyne & Wear SR1 2AG				
Title:	Evaluation of corrosion of the poor surface finish at the pouring basin of the Anotec high silicon cast iron tube anodes				
MSL Report No:	2726.17a	Date:	20.05.2017	Issue No:	1
Description:	Electronic Format				
Client Ref No:	281709				
Prepared by:	Lovlesh Beharry, MEng Engineering Manager				
Reviewed by:	Ron Scott BSc, C.Eng, MIMMM Technical Director				
Signed / Quality Stamp:	 (For and on behalf of Metaltech Services Ltd)				

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Summary

The report outlines the corrosion test that was carried out on the Anotec anode around the pouring bush. The test was carried out for 60 days in an electrolyte of 3% sodium chloride. The corrosion rate was 298 g/A.Year

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1. Introduction

The report outlines the corrosion test that was carried out on the Anotec anode around the pouring bush

2. Results

The test was carried out for 60 days in an electrolyte of 3% sodium chloride

Corrosion rate = 298 g/A.Year (0.66 lb/A.Year)

Photo 1 to 7 Prior to corrosion test

Photos 8 to 17 After removal

Photos 18 to 26 After cleaning

Photo 1



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Photo 2



Photo 3



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Photo 4



Photo 5



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Photo 6



Photo 7



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Photo 8



Photo 9



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Photo 10



Photo 11



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Photo 12



Photo 13



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Photo 14



Photo 15



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Photo 16



Photo 17



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Photo 18



Photo 19



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Photo 20



Photo 21



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Photo 22



Photo 23



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Photo 24



Photo 25



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Photo 26



~End of Report ~