



## LAMPIRAN



**PT. ITOKOH CEPERINDO**  
Stainless Steel & Alloy Steel Casting



Management System  
ISO 9001:2015  
www.itokoh.com  
ID 9109056862

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COMPANY : PT. ITOKOH CEPERINDO  
 SAMPLE NAME : FE11AI-15MN  
 CUSTOMER : Sdr. Ilyasa Affan M  
 FURNACE : YI2828B02/71  
 OPERATOR : PUTRA  
 DATE / TIME : 28-SEP-2020 14:44:03  
 TASK : Conc\_Fei METHOD : FEGLFE

	Fe%	S	Al	C	Ni	Nb	Si
1	77.1076	0.0130	7.0384	0.9733	0.0615	0.0108	1.7548
2	76.5543	0.0125	8.2794	0.9131	0.0588	0.0092	1.7071
<b>AVG</b>	<b>76.8310</b>	<b>0.0127</b>	<b>7.6589</b>	<b>0.9432</b>	<b>0.0602</b>	<b>0.0100</b>	<b>1.7310</b>
<i>SD</i>	<i>0.39125</i>	<i>0.00034</i>	<i>0.87752</i>	<i>0.04261</i>	<i>0.00192</i>	<i>0.00113</i>	<i>0.03373</i>
<i>SD%</i>	<i>0.51</i>	<i>2.63</i>	<i>11.46</i>	<i>4.52</i>	<i>3.20</i>	<i>11.38</i>	<i>1.95</i>

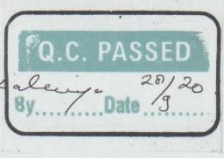
	Cr	V	Mn	Mo	W	P	Cu
1	0.1461	0.0122	12.2143	0.0336	0.1958	0.0483	0.1346
2	0.1414	0.0111	11.8034	0.0316	0.0877	0.0456	0.1288
<b>AVG</b>	<b>0.1438</b>	<b>0.0117</b>	<b>12.0088</b>	<b>0.0326</b>	<b>0.1418</b>	<b>0.0470</b>	<b>0.1317</b>
<i>SD</i>	<i>0.00334</i>	<i>0.00079</i>	<i>0.29056</i>	<i>0.00140</i>	<i>0.07641</i>	<i>0.00189</i>	<i>0.00410</i>
<i>SD%</i>	<i>2.33</i>	<i>6.79</i>	<i>2.42</i>	<i>4.28</i>	<i>53.90</i>	<i>4.03</i>	<i>3.11</i>

	Ti	N	B	Pb	Sb	Ca	Mg
1	0.0074	0.1103	0.0038	0.0637	0.0653	0.0004	0.0001
2	0.0069	0.0994	0.0035	0.0518	0.0621	0.0004	0.0001
<b>AVG</b>	<b>0.0071</b>	<b>0.1048</b>	<b>0.0037</b>	<b>0.0577</b>	<b>0.0637</b>	<b>0.0004</b>	<b>0.0001</b>
<i>SD</i>	<i>0.00033</i>	<i>0.00775</i>	<i>0.00019</i>	<i>0.00842</i>	<i>0.00232</i>	<i>0.00003</i>	<i>0.00000</i>
<i>SD%</i>	<i>4.63</i>	<i>7.39</i>	<i>5.21</i>	<i>14.58</i>	<i>3.64</i>	<i>6.84</i>	<i>0.00</i>

	Zn	Co
1	0.0183	0.0124
2	0.0178	0.0117
<b>AVG</b>	<b>0.0181</b>	<b>0.0121</b>
<i>SD</i>	<i>0.00033</i>	<i>0.00046</i>
<i>SD%</i>	<i>1.82</i>	<i>3.80</i>



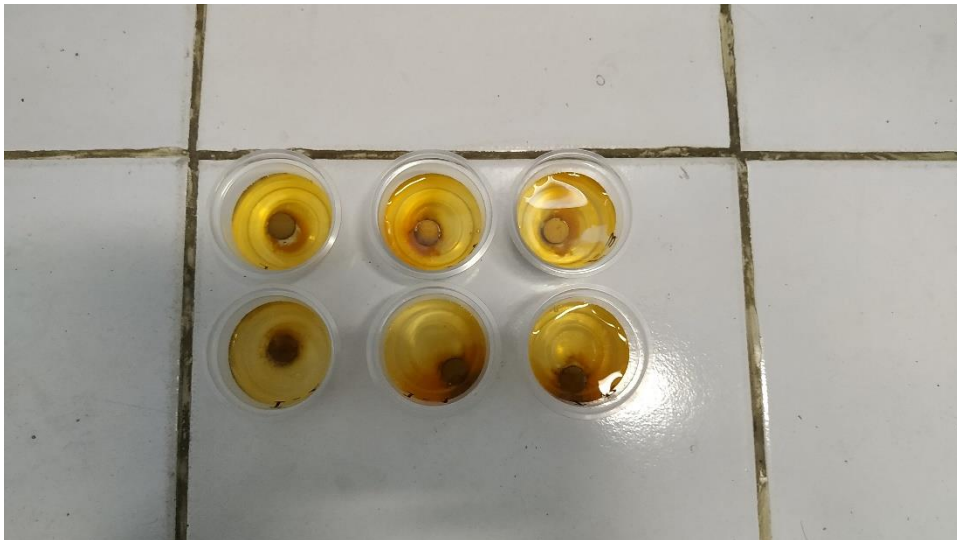
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Lampiran 1. Hasil Uji Komposisi



Lampiran 2. Pengujian *Deep Cryogenic Treatment*



Lampiran 3. Proses Perendaman Uji Ketahanan Korosi



Lampiran 4. Uji Struktur Mikro



Lampiran 5. Uji Keausan