



Lampiran 1. Hasil Pengujian Komposisi Kondensat Geothermal

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WATER ANALYSIS REPORT					
To : PT. JCT			Date : October 07, 2008		
			Ref. No : W-002/LAB/10/08		
Kind of sample	D5	CT. 01	CT. 02	CT. 03	
Sampling point					
Sampling date	September 26, 2008				
Sampling time					
1	Color (Pt-Co-degree)	n.a.	n.a.	n.a.	n.a.
2	Turbidity	< 1	< 1	< 1	< 1
3	pH (at 25°C)	6.3	6.5	6.2	6.3
4	Electrical conductivity (µS/cm)	262	241	252	297
5	P-Alkalinity (as CaCO ₃)	n.a.	n.a.	n.a.	n.a.
6	M-Alkalinity (as CaCO ₃)	23	24	18	21
7	Total Hardness (as CaCO ₃)	< 1	8	4	< 1
8	Calcium Hardness (as CaCO ₃)	< 1	5	3	< 1
9	Chloride ion (as Cl ⁻)	< 2	< 2	< 2	< 2
10	Sulfate ion (as SO ₄ ²⁻)	n.a.	n.a.	n.a.	n.a.
11	Soluble Silica (as SiO ₂)	1.65	1.50	0.67	0.15
12	Phosphate ion (as PO ₄ ³⁻)	n.a.	n.a.	n.a.	n.a.
13	Total Phosphate (as PO ₄ ³⁻)	n.a.	< 0.1	< 0.1	< 0.1
14	Total iron (as Fe)	0.14	0.06	0.07	0.13
15	Hydrazine (as N ₂ H ₄)	n.a.	n.a.	n.a.	n.a.
16	Nitrite ion (as NO ₂ ⁻)	n.a.	n.a.	n.a.	n.a.
17					
18					
19					
20					
Comment : (Unit : mg/l)					
Commentator :			Analyst : 		

TEST METHOD : In accordance to JAPANESE INDUSTRIAL STANDARD (JIS-K-0101, JIS-B-8224) and KURITA'S STANDARD
 All analysis are carried out to the best of our knowledge and ability, our responsibility is limited to the correctness of the results
 This report refers to the tested sample only.

QER-MKT-08

Lampiran 2. Hasil Pengujian Komposisi Kimia Material Logam Dasar



CENTER FOR MATERIALS PROCESSING AND FAILURE ANALYSIS
DEPARTEMEN TEKNIK METALURGI & MATERIAL-UNIVERSITAS INDONESIA

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LAPORAN PENGUJIAN KOMPOSISI KIMIA COMPOSITION TEST REPORT

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No Laporan <i>Report Nr</i>	1000	Bahan <i>Material</i>	Baja
Pemakai Jasa <i>Customer</i>	Wirda Safitri	Identitas Bahan <i>Material Identity</i>	T Elbow
Alamat <i>Address</i>	-	Tanggal Terima <i>Receiving Date</i>	21 Oktober 2008
No Kontrak <i>Contract Nr.</i>	1000/PT.02/FT04/P/2008	Standar <i>Standard</i>	ASTM A751
Tanggal Uji <i>Date of Test</i>	21 Oktober 2008	Mesin Uji <i>Testing machine</i>	Optical Emission Spectrometer

Kode Sampel <i>Sample Code</i>	C (%)	Si (%)	S (%)	P (%)	Mn (%)	Ni (%)	Cr (%)
T Elbow	0.193	0.222	0.008	0.025	0.680	0.035	0.031
	Mo (%)	Ti (%)	Cu (%)	Nb (%)	V (%)	Al (%)	Fe (%)
	<0.005	0.004	0.010	<0.002	0.003	0.009	98.520

Depok, 21 Oktober 2008
LABORATORIUM UJI MATERIAL
Manajer Teknis,

(Ahmad Ivan Karayan, ST, M.Eng)

Laporan hasil pengujian ini hanya berlaku untuk sampel yang diuji di Laboratorium Uji Material ; publikasi serta penggunaan dokumen ini atau sebagian dari padanya harus dengan izin dari Laboratorium Uji Material