


LEMBAR KONSULTASI

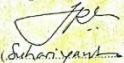


UNIVERSITAS MUHAMMADIYAH SURABAYA
FAKULTAS TEKNIK
PROGRAM STUDI S-1 TEKNIK MESIN, S-1 TEKNIK ARSITEKTUR, S-1 TEKNIK SIPIL, S-1 TEKNIK PERKAPALAN, S-1 TEKNIK ELEKTRO, D-3 TEKNIK KOMPUTER
 Alamat : Jalan Satoraja 59 Surabaya
 Telp./Fax. 031-3811966 ext.138

Nama : **DAYU FITRA ARIESANDI**
 NIM : **20151331017**
 Judul Skripsi : **ANALISIS KERUGIAN TEKANAN PADA PEMAKAIAN BADAN SAMBUNDAU INSTALASI PIPA PVC**
 Pembimbing Pendamping :
 Mulai Bimbingan :

No.	Tgl	Materi	Paraf Pembimbing		Paraf Mahasiswa
			I	II	
1	5/4 2019	Kalori / April TA	<i>Jr</i>		<i>Pq Umi</i>
2	10/4 2019	Kalori dan penulisan	<i>Jr</i>		<i>Pq Umi</i>
3	10/4 2019	Revisi dan kaji	<i>Jr</i>		<i>Pq Umi</i>
4	24/6 2019	bab II dan bab III	<i>Jr</i>		<i>Pq Umi</i>
5	5/7 2019	Revisi bab III dan bab IV	<i>Jr</i>		<i>Pq Umi</i>
6	10/7 2019	Bab IV dan kesimpulan	<i>Jr</i>		<i>Pq Umi</i>
7	11/7 2019	Revisi bab IV dan V	<i>Jr</i>		<i>Pq Umi</i>
8	12/7 2019	Abstrak dan Revisi	<i>Jr</i>		<i>Pq Umi</i>
9	13/7 2019	Revisi korp dan Abstrak	<i>Jr</i>		<i>Pq Umi</i>
10					
11					
12					
13					
14					

Bimbingan dinyatakan selesai
 Surabaya, 12 Juli 2019

Pembimbing Utama Ditandatangani ketika skripsi/TA tuntas  (Suhariyanto.....)	Pembimbing Pendamping Ditandatangani ketika skripsi/TA tuntas (.....)
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

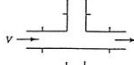
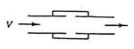

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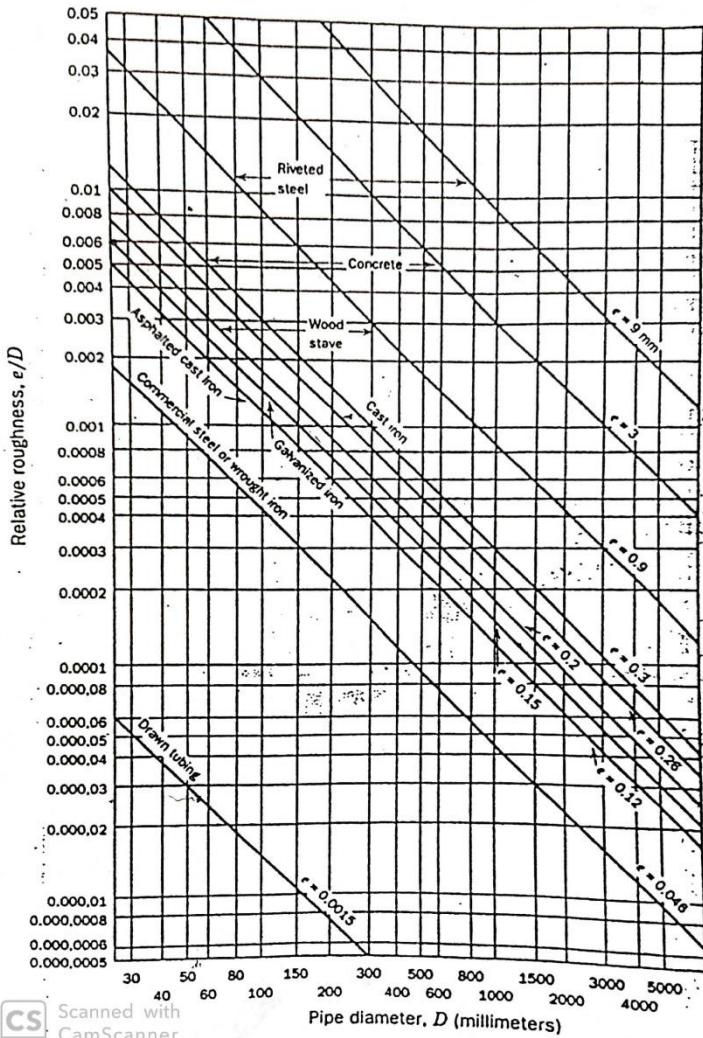
- *U artinya Utama dan **P artinya Pendamping.
- Jika Mahasiswa sudah memberikan atau mengirimkan draft proposal atau skripsi maka vbs wajib

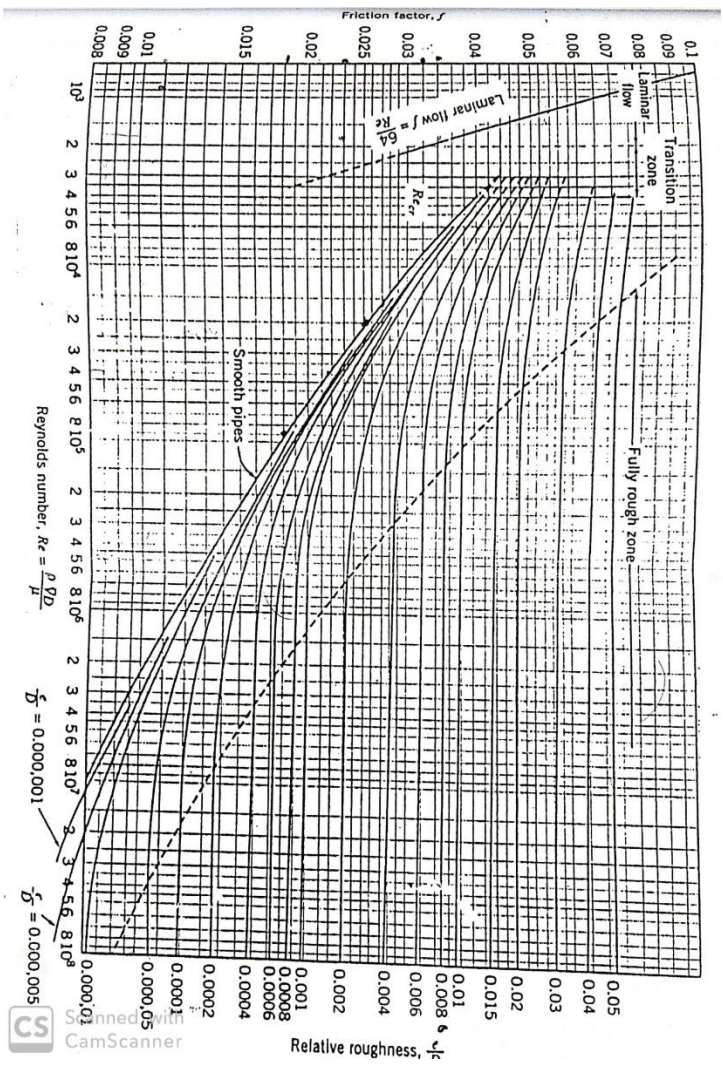
Tabel (3.1) : Kondisi udara di permukaan air laut

Property	Simbol	Satuan	
		S.I	English
Tempertaur	T	288 K	59 F
Tekanan	P	101,3 kPa (abs)	14,696 psia
Densitas	ρ	1,225 kg/m ³	0,002377 slug/ft ³
Berat Jenis	γ	-	0,07651 lbf/ft ³
Viskositas	μ	1,781 x 10 ⁻⁵ Pa.sec	3,719 x 10 ⁻⁷ lbf.sec/ft ²

Tabel (4.1) : Harga koefisien kerugian head untuk berbagai peralatan

Component	K	
a. Elbows		
Regular 90°, flanged	0.3	
Regular 90°, threaded	1.5	
Long radius 90°, flanged	0.2	
Long radius 90°, threaded	0.7	
Long radius 45°, flanged	0.2	
Regular 45°, threaded	0.4	
b. 180° return bends		
180° return bend, flanged	0.2	
180° return bend, threaded	1.5	
c. Tees		
Line flow, flanged	0.2	
Line flow, threaded	0.9	
Branch flow, flanged	1.0	
Branch flow, threaded	2.0	
d. Union, threaded		
	0.08	
*e. Valves		
Globe, fully open	10	
Angle, fully open	2	
Gate, fully open	0.15	
Gate, fully open	0.26	
Gate, 1/2 closed	2.1	
Gate, 1/4 closed	17	
Gate, 3/4 closed	2	
Swing check, forward flow	∞	
Swing check, backward flow	0.05	
Ball valve, fully open	5.5	
Ball valve, 1/2 closed	210	
Ball valve, 3/4 closed		





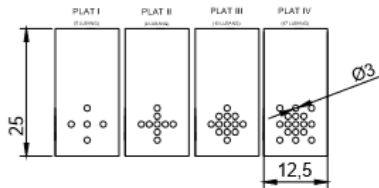
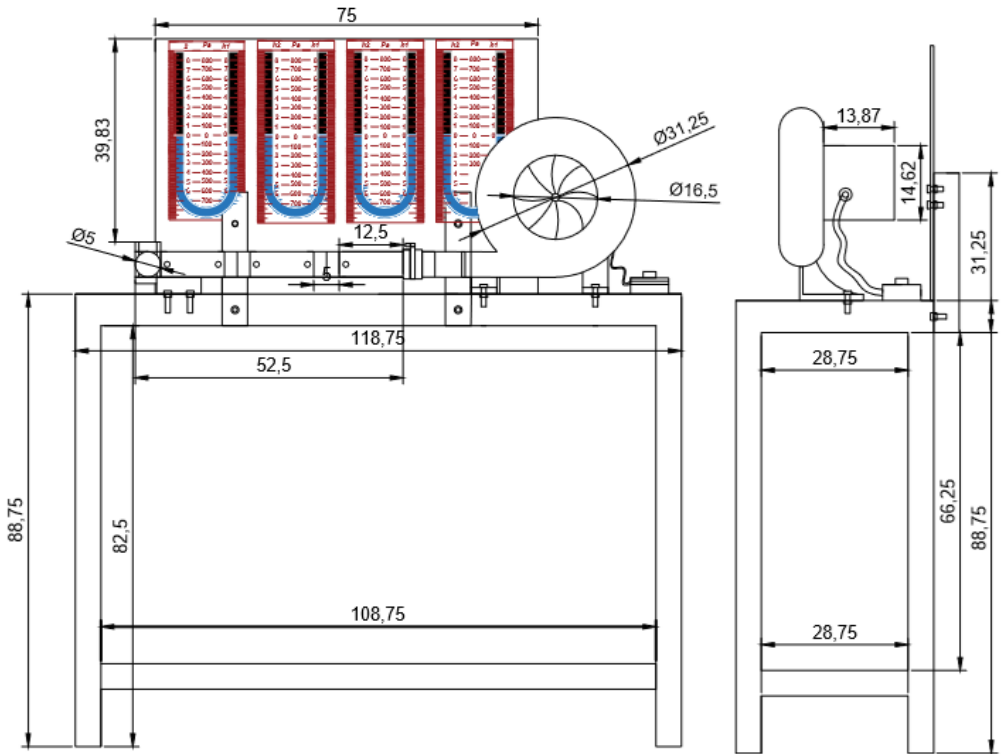
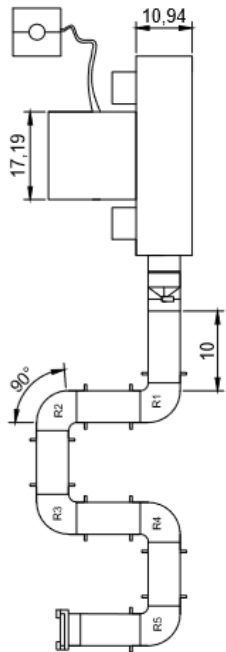
LAMPIRAN

Proses Pengerjaan Meja Alat Uji









	Skala : 1 : 10.25	Digambar : Bayu Fitra Ariesandi	Peringatan :
	Satuan : mm	Diperiksa : Suhariyanto, S.T., M.T.	
	Tanggal : 26 - 06 - 2019	Dilihat : Suhariyanto, S.T., M.T.	
UNIVERSITAS MUHAMMADIYAH SURABAYA	Gambar Alat Uji Mekanika Fluida	No. 1	A 4