

Curriculum Vitae



Andreas Ricardo Hasian Siagian

Bachelor Degree of Naval Architecture Engineer

Tangki street No.25, Cilangkap, East Jakarta, 13870, DKI Jakarta

Born : Pematangsiantar, April 05th 1992

Email : andreasricardohasiansiagian@yahoo.com

Telephone : (+62) 085275321132

PROFILE STATEMENT

- Able to design and analysis the ship with engineering software
- Able to know the process of ship building and ship repairing
- Familiar with Indonesia Ship Classification Agency Rules (*BKI*) especially for survey and hull
- Knowledge and technical advice about the suitability of materials.
- Having willingness to learn very much, ability to work in individual, group, under pressure, creativity, rapid acclimation to new operating conditions, focus to reach target and goal

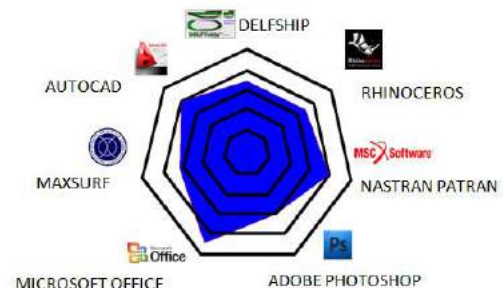
KEY SKILLS

a. Computer Literate

- ✓ AutoCAD (Ship modelling)
- ✓ Nastran Patran (3D Ship modelling & analysis)
- ✓ Rhinoceros (3D Ship modelling)
- ✓ Maxsurf, Hydromax (Analysis Floodable length)
- ✓ Delfship (3D Ship modeling and analysis Hydrostatics)
- ✓ Microsoft Office (MS-Word, Excel, PowerPoint)
- ✓ Adobe Photoshop

b. Language :

- ✓ Indonesia – Expert
- ✓ English – Advanced, both on talking and writing



PROFESIONAL OBJECTIVES

- Long-Term** : Inspiring Indonesia to become a well-known nation of its human resources
- Short-Term** : Get stable job with good growth in future.

EDUCATION

September 2010 > April 2015

Bachelor Degree of Naval Architecture Engineering

Diponegoro University, Semarang

GPA : 3.32 / 4 (max)

Speciality : Ship Design Engineering, Construction and Strength



Final Assignment : “Analysis of Shear Stress Midship Structure Crude Oil Tanker Ship 6500 DWT Based **Finite Element Method**”.

EMPLOYMENT

Marine Engineering Staff

PT. Mega Perkasa Engineering Shipyard | Tangerang

19 October 2015 > 31 January 2016

Project : 6 Swamp Boats Aluminium TNI – AL

Achievements :

- Collaborating with the consultant and production management team to align consistent execution of the quality management systems used by consultant and Shipyard's quality control to completed the building projects.
- The Swamp Boats can operate on land by using bottom *super - slide* that's made of polymers and the boats are driven by the engine with propeller that is above the water surface and steering system use hydraulic system can work well.
- Swamp boats is successfully to reach the speed of 29.9 knots, propeller pitch A-19, 3725 RPM, for 3.12 seconds with 6 passengers.

INTERNSHIP EXPERIENCES

MARINE SURVEYOR ASSISTANT

PT. BIRO KLASIFIKASI INDONESIA | Batam | www.klasifikasiindonesia.com

05 September 2013 > 05 October 2013



Achievements :

Provide and guarantee the feasibility of the ship in the form of implementation of the type of survey based decree of the Minister of Marine Transportation such as survey of new ship building, existing ship, statutory survey, and docking survey with item hull construction, deck, tanks, machine installation, electrical and other equipment through *Visual Inspection*, *Air Test*, *NDT (Non Destructive Test)*, Hydro Test, Visual Welding Check, Vacuum, etc

QUALITY CONTROL ASSISTANT

PT. DOK DAN PERKAPALAN KODJA BAHARI | Jakarta | www.dkb.com

04 February 2013 > 25 February 2013



Achievements :

- Knowledge of monitoring ship design and building process.
- Monitoring ship repairing and maintenance.
- Fabrication, material inspection and cost estimation.
- Non destructive test (NDT) on ship construction.

SEMINAR AND TRAINING

- Training "Welding Engineering II", S1 MECHANICAL ENGINEER UNDIP, 2012
- Training "Welding Engineering I", S1 NAVAL ARCHITECTURE UNDIP, 2011
- Seminar of "Marine Pollution", S1 NAVAL ARCHITECTURE UNDIP, 2010
- Training of "AutoCAD & Delfship Software", S1 NAVAL ARCHITECTURE UNDIP, 2010
- Training of "Student Management Skills", S1 NAVAL ARCHITECTURE UNDIP, 2010
- Seminar of Studium Generale "Self Motivated", BEM KM UNDIP, 2010
- Seminar of "Maritime Festival", S1 NAVAL ARCHITECTURE UNDIP, 2010

PERSONAL INTERESTS

Photo | Design | Fishing | Classic Music | Travelling

This curriculum vitae is consistent with my experience. I'm willing to have a great expectation to join with this company. I would like to thank you for your kind attention to this curriculum vitae.

KEMENTERIAN PENDIDIKAN DAN KEBUDAYAAN REPUBLIK INDONESIA
UNIVERSITAS DIPONEGORO

PERATURAN PEMERINTAH NOMOR 7 TAHUN 1961

No. U.: 19779/ST

No. F.: 24712/2015

Pimpinan Universitas Diponegoro dengan ini menyatakan bahwa :

Andreas Ricardo Hasian Siagian

diterima pada tahun 2010

NIM 21090110130062

lahir di **Pematang Siantar**

tanggal **5 April 1992**

telah menyelesaikan

dan memenuhi segala syarat pendidikan pada **Program Sarjana Teknik Perkapalan,**

sehingga kepadanya diberikan :

IJAZAH

dengan gelar akademik

SARJANA TEKNIK (S.T.)

Lulus pada tanggal **30 Maret 2015**

dan diberi hak untuk melanjutkan ke jenjang pendidikan yang lebih tinggi.

Diberikan di Semarang pada tanggal **10 April 2015**

DEKAN
FAKULTAS TEKNIK



Ir. M. AGUNG WIBOWO, M.M., M.Sc., Ph.D.
NIP. 196702081994031005



REKTOR

Prof. SUDHARTO P. HADI, MES, Ph.D.
REKTOR NIP. 195403091980031003



KEMENTERIAN PENDIDIKAN DAN KEBUDAYAAN
REPUBLIK INDONESIA
Ministry of Education and Culture of Republic Indonesia
UNIVERSITAS DIPONEGORO
Diponegoro University

PERATURAN PEMERINTAH NOMOR 7 TAHUN 1961

FAKULTAS TEKNIK
Faculty of Engineering
TRANSKRIP AKADEMIK
Academic Transcript

Nomor Transkrip : U.19779/ST
Transcript Number : F. 24712/2015

1. NAMA MAHASISWA : ANDREAS RICARDO HASIAN SIAGIAN
Name
2. NOMOR INDUK MAHASISWA : 21090110130062
Student Registration Number
3. JENJANG STUDI : SARJANA (S1)
Stratum
Bachelor
4. JURUSAN /PROGRAM STUDI : TEKNIK PERKAPALAN
Department
Naval Architecture
5. BIDANG MINAT : -
Concentration
6. TEMPAT /TANGGAL LAHIR : PEMATANG SIANTAR, 05 APRIL 1992
Place and Date of Birth
Pematang Siantar, April 05, 1992
7. TAHUN MASUK : 2010
Year of First Entry
8. TANGGAL LULUS : 30 MARET 2015
Date of Graduation
March 30, 2015

9. PENILAIAN DAN PREDIKAT
Grading and Passing Categories

NILAI <i>Grade</i>	HARKAT <i>Weight</i>	ARTI <i>Meaning</i>	INDEKS <i>Index Range</i>	PREDIKAT <i>Predicate</i>
A	4,0	SANGAT BAIK <i>Excellent</i>	3,51 - 4,00	DENGAN PUJIAN <i>Cumlaude</i>
B	3,0	BAIK <i>Good</i>	2,76 - 3,50	SANGAT MEMUASKAN <i>Very Satisfactorily</i>
C	2,0	CUKUP <i>Fair</i>	2,00 - 2,75	MEMUASKAN <i>Satisfactorily</i>
D	1,0	KURANG <i>Poor</i>		
E	0,0	GAGAL <i>Fail</i>		

10. INDEKS PRESTASI KOMULATIF : 3.32 (Tiga Koma Tiga Dua)
Grade Point Average (GPA)

11. PREDIKAT : SANGAT MEMUASKAN
Predicate
Very Satisfactorily

12. KERJA PRAKTEK : 1.KERJA PRAKTEK PT.DOK DAN PERKAPALAN KODJA
Job Training
BAHARI.TANJUNG PRIOK, JAKARTA
2.KERJA PRAKTEK PT. BIRO KLASIFIKASI INDONESIA CABANG UTAMA
BATAM,

1.Job Training PT. Dok dan Perkapalan Kodja Bahari Tanjung Priok, Jakarta
2.Job Training at PT. Biro Klasifikasi Indonesia Cabang Utama Batam,

13. TUGAS AKHIR : ANALISA SHEAR STRESS PADA STRUKTUR MIDSHIP KAPAL CRUDE OIL
Final Paper
TANKER 6500 DWT BERBASIS METODE ELEMEN HINGGA

*Analysis of Shear Stress Midship Structure Crude Oil Tanker Ship 6500 DWT Based
Finite Element Method*

14. "DAFTAR ..."
"List of ..."

14. DAFTAR MATA KULIAH DAN NILAI
List of Course and Grade

No	MATA KULIAH (COURSE)	SKS	N	SKSxN	No	MATA KULIAH (COURSE)	SKS	N	SKSxN
1	PENDIDIKAN AGAMA <i>Religion</i>	3	A	12	36	TUGAS MERANCANG KAPAL II <i>Design Assignment II</i>	2	A	8
2	PENDIDIKAN KEWARGANEGARAAN <i>National Resilience</i>	3	B	9	37	MATEMATIKA IV <i>Mathematic IV</i>	2	A	8
3	OLAH RAGA <i>Sport</i>	0	A	0	38	STATISTIKA TERAPAN <i>Application of Statistical</i>	2	B	6
4	MATEMATIKA I <i>Mathematic I</i>	2	A	8	39	KEWIRAUUSAHAAN <i>Entrepreneurship</i>	2	A	8
5	MENG GAMBAR TEKNIK <i>Engineering Drafting</i>	2	C	4	40	KAPAL NON FERRO <i>Non Ferro Ship</i>	2	B	6
6	TEK. INFORM. DAN PEMROG. KOMP <i>Information System and Computer Programming</i>	2	A	8	41	PERMESINAN BANTU KAPAL <i>Maine Auxiliary Machinery</i>	2	A	8
7	ILMU BAHAN <i>Material Science</i>	2	A	8	42	LISTRIK KAPAL <i>Shipboard Electrical</i>	2	B	6
8	TEORI BANGUNAN KAPAL I <i>Theory of Naval Architecture I</i>	2	B	6	43	PROPULSI KAPAL <i>Ship Propulsion</i>	3	B	9
9	ETIKA PROFESI <i>Professional Ethic</i>	2	A	8	44	PERANCANGAN KAPAL <i>Ship design</i>	2	A	8
10	FISIKA I <i>Physics I</i>	2	A	8	45	TEKNIK PRODUKSI KAPAL <i>Ship Production Engineering</i>	2	B	6
11	BAHASA INDONESIA <i>Indonesian Language</i>	3	A	12	46	TUGAS MERANCANG KAPAL III <i>Design Assignment III</i>	2	A	8
12	MEKANIKA TEKNIK I <i>Mechanic Engineering I</i>	2	C	4	47	KAPAL PERIKANAN I <i>Fishing Vessel I</i>	2	B	6
13	KONSEP TEKNOLOGI <i>Technology Concept</i>	2	B	6	48	KEKUATAN KAPAL <i>Ship Strength</i>	2	B	6
14	KONSTRUKSI KAPAL I <i>Ship Structure I</i>	3	B	9	49	TEKNIK REPARASI KAPAL <i>Ship Repair</i>	2	A	8
15	THERMODINAMIKA <i>Thermodynamic</i>	2	B	6	50	GETARAN KAPAL <i>Ship Vibration</i>	2	C	4
16	PRAKTIKUM FISIKA <i>Physics Practicum</i>	1	A	4	51	DINAMIKA KAPAL <i>Ship Dynamic</i>	2	A	8
17	FISIKA II <i>Physics II</i>	2	A	8	52	SISTEM DALAM KAPAL <i>Maine Auxiliary Machinery and Systems</i>	2	B	6
18	MATEMATIKA II <i>Mathematic II</i>	2	C	4	53	PERANC. KAPAL DIBANTU KOMP. <i>Computer Aided Ship Design</i>	2	B	6
19	TEORI BANGUNAN KAPAL II <i>Theory of Naval Architecture II</i>	3	B	9	54	TUGAS MERANCANG KAPAL IV <i>Design Assignment IV</i>	2	A	8
20	BAHASA INGGRIS <i>English</i>	3	B	9	55	METODOLOGI PENELITIAN <i>Research Methodology</i>	2	A	8
21	ANALISA NUMERIK <i>Numeric Analysis</i>	2	B	6	56	MANAJEMEN INDUSTRI KAPAL <i>Management of Ship Industrial</i>	2	B	6
22	TEKNIK PENGELASAN I <i>Welding Engineering I</i>	2	C	4	57	SISTEM PENDINGIN KAPAL IKAN <i>Refrigerating Fishing Vessel System</i>	2	B	6
23	PRAKTEK TEKNIK PENGELASAN I <i>Welding Engineering Training I</i>	2	B	6	58	TEORI PELAT <i>Theory of plate</i>	2	B	6
24	TUGAS MERANCANG KAPAL I <i>Design Assignment I</i>	2	A	8	59	K-3 & HUKUM KETENAGAKERJAAN <i>Occupational Health Safety</i>	2	C	4
25	MEKANIKA FLUIDA <i>Fluid Mechnaic</i>	2	B	6	60	SISTEM TRANSPORTASI <i>Transportation Sydon</i>	2	A	8
26	MEKANIKA TEKNIK II <i>Mechanic Engineering II</i>	2	B	6	61	PENGLOLAAN WILAYAH PANTAI <i>Coastal Area management</i>	2	A	8
27	KONSTRUKSI KAPAL II <i>Ship Structure II</i>	3	C	6	62	KAPAL PERIKANAN II <i>Fishing Vessel II</i>	2	B	6
28	MATEMATIKA III <i>Mathematic III</i>	2	A	8	63	TUGAS MERANCANG KAPAL V <i>Design Assignment V</i>	2	A	8
29	ILMU SOSIAL BUDAYA DASAR <i>Science of Basic Social Culture</i>	3	A	12	64	KULIAH KERJA NYATA <i>Study Service Scheme</i>	3	A	12
30	PERLENGKAPAN KAPAL <i>Ship Equipment</i>	2	C	4	65	TUGAS AKHIR <i>Final Paper</i>	6	B	18
31	MESIN PENGGERAK KAPAL <i>Maine Power Plant</i>	2	A	8	66	PRAKTEK KERJA <i>Job Training</i>	2	A	8
32	TEKNIK GALANGAN KAPAL <i>Ship Building Engineering</i>	2	B	6	67	KULIAH KERJA LAPANGAN <i>Field Work</i>	1	A	4
33	HAMBATAN KAPAL <i>Ship Resistance</i>	2	A	8	68	ANALISA KEANDALAN & RESIKO <i>Reliability Analysis and Risk</i>	2	B	6
34	PRAKTEK UJI HASIL LAS II <i>Welding Engineering Training II</i>	2	A	8					
35	TEKNIK PENGELASAN II <i>Welding Engineering II</i>	2	B	6					
JUMLAH TOTAL							146		485

DEKAN / Dean

Ir. M. AGUNG WIBOWO, M.M., M.Sc., Ph.D.
NIP. 196702081994031005



SEMARANG, 10 APRIL 2015
April 10, 2015

REKTOR / Rector

Prof. SUDHARTO P. HADI, MES, Ph.D
NIP. 195403091980031003

