



BIRO KLASIFIKASI INDONESIA

SERTIFIKAT PERSETUJUAN DESAIN

Design Approval Certificate

No. 00007.20.TP00151

No. Persetujuan : 00006DA20
Approval no.

Tanggal persetujuan : 03 February 2020
Date of approval

Dengan ini dinyatakan bahwa desain dari produk dibawah ini telah disetujui berdasarkan
This is to certify that the design of following products has been approved in accordance with
persyaratan dari Peraturan dan/atau Standard yang tercantum dibawah ini
requirements of the Rules and / or Standards listed below

Produk : **Reduction Gear for Diesel Propulsion**
Product

Pembuat : **D-I INDUSTRIAL CO., LTD.**
Manufacturer 13, Namgang-ro 1367 Beon-gil, Jinju-si, Gyeongsangnam-do, Korea. 52781

Tipe produk : **DMT600DL**
Type designation

Standard persetujuan : Rules for Machinery Installations (Pt. 1, Vol. III)
Approval standards Guidance for The Approval and Type Approval of Materials and Equipment for Marine Use (Pt. 1, Vol W)

Sertifikat ini berlaku hingga tanggal yang ditetapkan di bawah dengan syarat jika terdapat
This certificate remains valid until the date set below provided that if there are
perubahan atau modifikasi pada produk harus segera diberitahukan ke BKI.
any alterations or modifications to the approved product, BKI shall be notified immediately.

Sertifikat ini berlaku sampai dengan : **02 February 2025**
This certificate is valid until

Jakarta, 05 February 2020

a.n. Direktur Operasi
Kepala Departemen Operasi Klasifikasi
a.n. Operation Director
SVP of Classification Operation

ARIEF BUDI PERMANA

Catatan : Sertifikat ini terdiri dari 3 halaman
Note This certificate is consist of 3 pages

Jika Peraturan atau Standard yang digunakan dalam proses persetujuan mengalami perubahan pada saat sertifikat ini masih berlaku, maka produk harus dilakukan persetujuan ulang sebelum dapat dipasang dikapal dimana Peraturan atau Standard tersebut berlaku.
Should the specified Rules or Standards be amended during the validity of this certificate, the product is to be reappraised prior to it being placed on board vessels to which the amended Rules or Standards apply.



Lampiran
Annex to
Sertifikat Persetujuan Desain
Design Approval Certificate

No. Sertifikat : 00007.20.TP00151
No of certificate

No. Persetujuan : 00006DA20
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Deskripsi Produk
Product Description

1. Reduction Gear for Diesel Propulsion

Model	Reduction Ratio	Speed (RPM)	Power (kW)	Input Torque (N.m)
DMT600DL	2.28	2300	1476.5	6130
	2.53		1476.5	6130
	3.02		1476.5	6130
	3.28		1476.5	6130
	3.56		1476.5	6130
	4.07		1476.5	6130
	4.48		1450.3	6021
	4.95		1318.0	5472

2. Approved Drawing No. : 2041010014

Lingkup Persetujuan
Scope of Approval

1. The materials for the main components are to be complied with the requirements of the Rules for Machinery Installations (Pt.1, Vol. III) or to be satisfactory to the surveyor.
2. Materials for the main components are to be certified by BKI or to be satisfactory to the Surveyor.
3. Spare parts are to be supplied in accordance with the Rules applicable to the vessel in which the gearbox is installed.
4. Each gearbox to be supplied to vessels classed by BKI shall be provided with individual product certificate.



PT. BIRO KLASIFIKASI INDONESIA (Persero)

HEAD OFFICE

Address : Jl. Yos Sudarso No. 38 - 39 - 40, Tanjung Priok, JAKARTA - 14320, INDONESIA
Phone : (021) 4301017, (021) 4361903, Fax : (021) 43932509
E-mail : ho@bki.co.id
Website : www.bki.co.id

Reff No. : **B.01531/PS.303/KI-20**
Attachments(s) : 1 (one) set of certificate
Subject : **Design Approval Certificate**

Jakarta, 18 Februari 2020

D-I INDUSTRIAL CO.,LTD.
13, Namgang-ro 1367 Beon-gil,
Jinju-si, Gyeongsangnam-do, Korea 52781

1. We would like to thank you for your interest and commitment to have your product to be approved by PT. Biro Klasifikasi Indonesia (Persero). Following your application and completion of approval process, we are glad to inform you that your product have already met the requirements and BKI has issued design approval certificate for the following products :

Products	Grade	No. of Approval Certificate	No. of Approval
Reduction Gear for Diesel Propulsion	DMT600BL	00006.20.TP00150	00005DA20
	DMT600DL	00007.20.TP00151	00006DA20

2. The approval certificate is valid for 5 (five) years until 02 Februari 2025. BKI will cancel the approval certificate when the following conditions occur :
 - a. The approval fees are not paid.
 - b. Design or material of product was changed or modified with out notice to BKI.
 - c. Renewal approval is not carried out after 5 years.
 - d. When a request for withdrawal is made by manufacturer.
3. After this approval, when you want to supply the above marine gears that need to be provided with BKI certificate, you have to send application to BKI Branch Office together the copy of approval certificate.
4. Thank you for your kind attention and cooperation. We are looking forward to productive partnership and wish you a lot of success with your products.

o.b. Operation Director

On behalf

VP of Material & Component Division

Ir. ARIEF BUDI PERMANA
NUP. : 42896-KI



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Phone : (021) 4301017, (021) 4361903, Fax : (021) 43932509

E-mail : ho@bki.co.id

Website : www.bki.co.id

No. : **A. 0572/PS.303/KI-20**
Lampiran : 1 (satu) map sertifikat
Perihal : **Sertifikat Persetujuan Desain**

Jakarta, 17 Februari 2020

K e p a d a
Yth. Kepala Cabang Utama Klas
PT. Biro Klasifikasi Indonesia (persero)
di

JAKARTA

1. Menindaklanjuti laporan pemeriksaan Assessment Report for Type Approval No. 00150-TP/C1/2020 dan 00151-TP/C1/2020 (No. Agenda Permohonan : 00082TP20 & 00083TP20), maka bersama surat ini kami kirimkan Sertifikat Persetujuan Desain (asli) untuk diserahkan kepada pemohon.

Nama Perusahaan	No. Sertifikat	Product
D-I INDUSTRIAL CO.,LTD.	00006.20.TP00150 00007.20.TP00151	Reduction Gear for Diesel Propulsion

2. Demikian disampaikan, atas perhatian dan kerjasamanya diucapkan terima kasih.

a.n. Direktur Operasi

LAKHAR

KEPALA DIVISI MATERIAL & KOMPONEN

Ir. ARIEF BUDI PERMANA
NIP.: 42896-KI