C O M P A N Y P R 0 F I L E

"Deliver high quality service to our customer"



GAZALI BAWAVI GROUP Established in 1996





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01.About Us



Established in Indonesia, 1996. We specializes in Engineering and Manufacturing of Oil and Gas Tools and Mining Industry. The founders have been exposed more than 40 years to the Oil and Gas and Mining operations in the field onshore and offshore. This diversity is reflected in the company's business orientation. The company is packed with an excellent team of engineers and technicians for R&D, engineering and design for new products, and daily production control. As well all our engineers have more than 11 years in the design of equipment for Oil and Gas Industry, which enables us to ensure reliable quality and delivery on-time confidently. We provide multi-disciplined engineering expertise from our team as Structural, Mechanical, Electrical and Instrumentation.

Our Vision

Deliver high quality products and services to our customer .

We nurture a performance culture and develop our people.

We innovate to grow and diversify our business Our Mission

We are the leading fabrication and repair company contributing to nation building whilst creating sustainable future for all stakeholders For More Information



02.Milestone

Established in Riau.

Established Gazali Bawavi Nusantara 2010 Riau Workshop Qualified ISO 9001 : 2008 2014

2005

Established Gazali Bawavi Balikpapan

2013

Borneo Workshop Qualified ISO 9001 : 2008 2019 Established Gazali Bawavi Antasari Tanjung

03.Products & Service





- Wireline Slickline Tools String (Downhole)
- Drilling Tools
- Perforating Gun System
- Fabrication & Repair
- EPCC (Engineering Procurement
 Construction & Commissioning) Project



Mining Industries

- Refurbish Undercarriage
 Dozer & Excavator
- Refurbish & Repair
 Bucket
- Fabrication & Repair
- Onsite Repair & Line
 Boring Services
- EPCC (Engineering Procurement Construction & Commissioning) Project



Geothermal Industries

- Refurbish Main Gate
 Valve
- Refurbish Electrical Motor ExD Proof
- Inconel Cladding
 Services

Explosive Industries

- Design & Manufacturing
 ANFO Truck
- Design & Manufacturing MMU Ammonium
- AN Emulsion Storage
 Tank
- Auger System
- Underground Emulsion
 Storage Tank
- Installation Site
 Emulsion Plant



Agriculture Industries

 Design & Manufacturing Attachment for Tractor such as : Rotary Tiller, Disk Plough



Export & Import

Machinery & Chemical

For More Information



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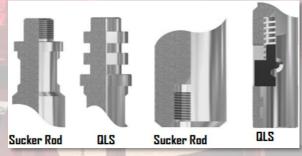


Our Products - Wireline & Slickline Tools String

We manufactures a full range of slickline downhole tools that include rope sockets, wireline stems, knuckle joint and swivel joint. Basic tool string components and running tools are manufacturing to highest quality standards as per standard with major service companies.

We also provide services to refurbish downhole tools extending lifetime and reducing cost . We are able also to redesign downhole tools to satisfy specific well requirement and connection .

Available connection



Duri +62 811750618 admin.duri@gazalibawevigroup.com Balikpapan +62 85100035628 Sales.borneo@gazalibawavigroup.com Bojonegoro +62 81217909325 sales.cepu@gazalibawavigroup.com Tanjung +625262097409 admin.bomeo@gazalibawavigroup.com

For More Information



Our Products - Perforating Gun

Hollow Carrier Gun

- Charge is secured in a steel tube which is sealed against hydrostatic pressure
- Used for minimum Debris and in hostile conditions that preclude using exposed guns.

Expendable gun

- Made up of individual sealed cases each containing a charge
- The case is blown into small pieces that remain in the well

Semi expendable gun

- Charges in sealed cases are secured on a retrievable wire carrier or metal bar
- Reduces the debris left in the well and increases the ruggedness of the gun





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Our Products – XBore[™] Portable Line Boring Machine



A more compact and affordable version of line boring machine, with the mounting flexibility needed for work in restrictive spaces. A variety of motor and bar options add power to this outstanding value. Used for stern tubes, rudder bores, track pad, bucket excavator, hinge pins, gearboxes, turbines, and many more applications



Specifications

- Bar Diameters : 44.5 mm (1.75") – 50.8 mm (2")
- Boring Diameters :
 38 mm (1.5") 304.8 mm (12")
- Max Stroke :

965.2 mm (38")

- Torque at Bar :
 425 Nm (XBore Heavy)
- Power Option : Electric AC 220V, 380V or Hydraulic
- Hand Feed/Revolution :
 2.0 mm
- Hydraulic Power Pack : 380 VAC, 7.5 HP
- Bar RPM :
- 5 250 RPM (Adjustable Speed)

For More Information



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Our Products – Rebuild/Manufacture MMU & ANF0 Truck





Inspected & Refurbished

Each truck is thoroughly inspected to establish condition and usability of the existing core components and then those core components are totally refurbished.

• Upgraded

All new pumps, motors, valves, wiring, plumbing, hoses and upgraded optional control systems to GBB XBlast are configured and installed

Repainted

The chassis will be professionally repaint to the original color or the color of your choice.

Recertified

All safety equipment will be upgraded according to the current standards. Tanks are certified, and the bulk is then recertified to meet all applicable geographic

For More Information

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Our Products - Component Rebuild Services



General Components : Rebuild Gears and Sprockets Rebuild pin and bushing

Dozer : Rebuild Idler and Roller Rebuild Track Frame

Excavator : Rebuild H-Link Rebuild Track Frame Rebuild Bucket Excavator Komatsu, CAT & Hitachi Rebuild Trackpad Hitachi EX 1250, EX 2500 Rebuild Tumbler and Idler EX 2500 Rebuild Boom Stick Excavator

Grader :

Rebuild Front Axle Motor Grader CAT 14 , 16 Rebuild Blade Slider

Dump Truck (DT) : Rebuild housing AXLE HD (777 ,785, etc.)







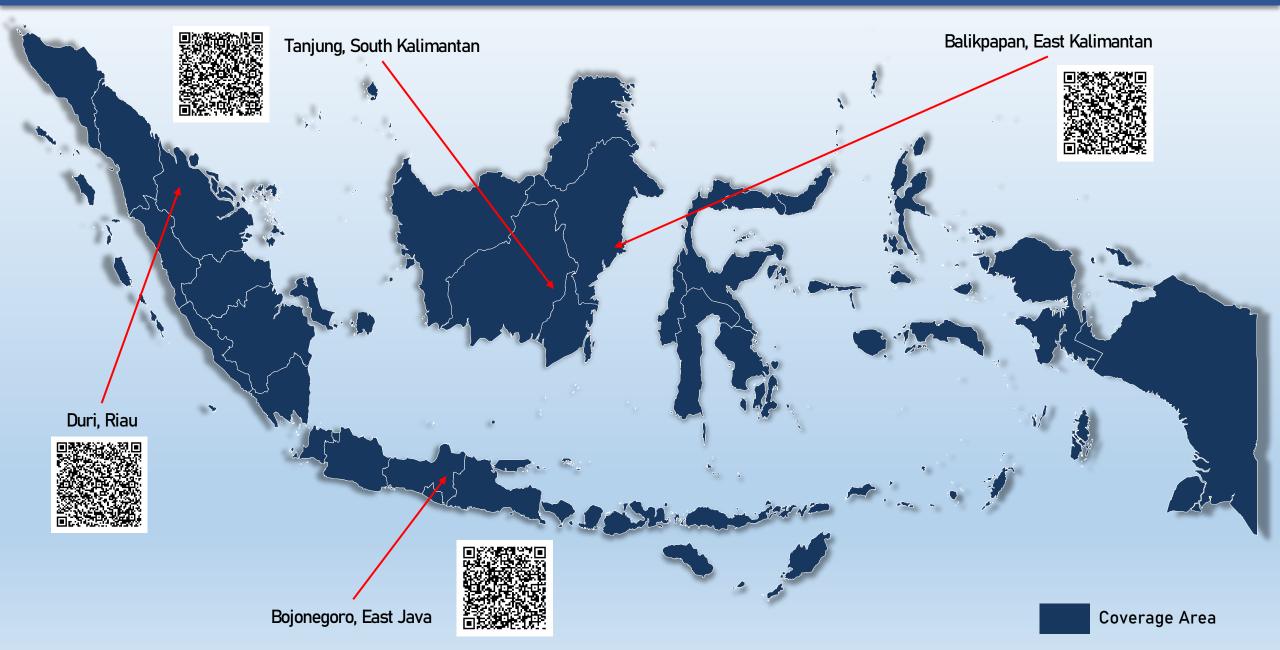


For More Information



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04.Location



5.Certifications

NIB



PEMERINTAH REPUBLIK INDONESIA

NOMOR INDUK BERUSAHA (NIB) 8120215092435

Pemerintah Republik Indonesia c.q. Lembaga Pengelola dan Penyelenggara OSS berdasarkan ketentuan Pasal 24 ayat (1) Peraturan Pemerintah Nomor 24 Tahun 2018 tentang Pelayanan Perizinan Berusaha Terintegrasi Secara Elektronik, menerbitkan NIB kepada:

Nama Perusahaan	: PT GAZALI BAWAVI BORNEO
Alamat Perusahaan	: JL. PROKLAMASI, Kel. Manggar, Kec. Balikpapan Timur, Kota
	Balikpapan, Prop. Kalimantan Timur
NPWP	: 02.465.191.1-721.000
Nomor Telepon	: 0851-000-35630
Nomor Fax	: N/a
Email	: admin.borneo@gazalibawavigroup.com
Nama KBLI	: Lihat Lampiran
Kode KBLI	: Lihat Lampiran
Jenis API	: Angka Pengenal Importir Produsen (API - P)
Status Penanaman Modal	: PMDN

NIB merupakan identitas Pelaku Usaha dalam rangka pelaksanaan kegiatan berusaha dan berlaku selama menjalankan kegiatan usaha sesuai ketentuan peraturan perundang-undangan.

NIB adalah bukti Pendaftaran Penanaman Modal/Berusaha yang sekaligus merupakan pengesahan Tanda Daftar Perusahaan, Angka Pengenal Importir dan hak akses kepabeanan.

OSS berwenang untuk melakukan evaluasi dan/atau perubahan atas izin usaha (izin komersial/operasional) sesuai ketentuan perundang-undangan.

OSS berwenang memperbaiki status atas API-U atau API-P sesuai karakteristik pelaku usaha (perseorangan atau non-perseorangan). Ke-efektifan API sesuai dengan standar yang ditetapkan Kementerian Perdagangan.

NIB atas Perseroan Terbatas dibekukan apabila dalam kurun waktu paling lama 1 (satu) tahun tidak menyesuaikan maksud dan tujuan serta kegiatan usahanya sesuai KBLI 2017 melalui SABH Direktorat Jenderal Administrasi Hukum Umum. Penyesuaian tersebut dilakukan melalui perubahan anggaran dasar perseroan sebagaimana dimaksud dalam ketentuan Pasal 21 ayat (2) Undang-Undang Nomor 40 Tahun 2007 tentang Perseroan Terbatas, yang harus mendapat persetujuan Menteri (Menteri Hukum dan HAM).

Seluruh data yang tercantum dalam NIB dapat berubah sesuai dengan perkembangan kegiatan berusaha

Ditetapkan tanggal : 23 Oktober 2018 Perubahan ke-8



Dokumen ini dikeluarkan dari Sistem OSS atas dasar data dari pelaku usaha. Kebenaran dan keabsahan atas data yang ditampilkan dalam dokumen ini dan data yang tersimpan dalam Sistem OSS menjadi tanggung jawab pelaku usaha sepenuhnya.

EBTKE



KEMENTERIAN ENERGI DAN SUMBER DAYA MINERAL REPUBLIK INDONESIA DIREKTORAT JENDERAL ENERGI BARU, TERBARUKAN DAN KONSERVASI ENERGI

SURAT KETERANGAN TERDAFTAR

Nomor: 152/SKT/60/DEP/2019

Direktur Panas Bumi berdasarkan:

Menimbang : 1	Surat permohonan Direktur Utama PT Gazali Bawavi Nomor 0001/P-SKT/PB/-GB/0919 tanggal
	27 September 2019 perihal Permohonan Surat Keterangan Terdaftar (SKT) Untuk Melakukan
	Kegiatan Usaha Jasa Panas Bumi di Lingkungan Pengusahaan Panas Bumi;
2	Hasil evaluasi teknis dan klarifikasi terhadap data/dokumen PT Gazali Bawavi pada tanggal

2 Hasii evaluasi teknis dan kaniikasi temadap dala/dokumen PT Gazar bawavi pada tangi 30 September 2019 telah memenuhi persyaratan administrasi, teknis dan keuangan.

Mengingat 1. Undang-Undang Nomor 21 Tahun 2014 tentang Panas Bumi:

- Peraturan Pernerintah Nomor 7 Tahun 2017 tentang Panas Bumi Untuk Pernanfaatan Tidak Langsung;
 - Keputusan Menteri Energi dan Sumber Daya Mineral Nomor 0021K/73/MEM/2018 tentang Pemberhentian dan Pengangkatan Dari Dan Dalam Jabatan Pimpinan Tinggi Pratama Di Lingkungan Kementerian Energi dan Sumber Daya Mineral.

MEMBERIKAN PERSETUJUAN

Kepada	: 1. Nama Perusahaan	: PT GAZALI BAWAVI
	2. Penanggung Jawab	: Yusuf Firdaus
	3. Jabatan	: Direktur Utama
	4. Alamat	: Jl. Utama Pematang Pudu - Duri - Riau
	5. Nomor Pokok Wajib Pajak	: 017466020219000

- Sebagal ; perusahaan usaha penunjang pada kegiatan usaha panas bumi dengan klasifikasi bidang usaha Jasa Konstruksi dengan sub bidang;
 - Perencanaan Konstruksi (Rancang Bangun dan rekayasa konstruksi lokasi dan/atau instalasi pemboran, Rancang Bangun dan rekayasa konstruksi pipa penyaluriperpipaan, Rancang Bangun dan rekayasa konstruksi tangki penimbun, Rancang Bangun dan rekayasa konstruksi sipil (insfrastruktur/stell structur), Perencanaan Pembangunan Konstruksi PLTP); Pelaksanaan Konstruksi (Pelaksanaan Pembangunan Konstruksi Lokasi Dan/Atau Instalasi Pemboran, Pelaksanaan Pembangunan Konstruksi Pipa Penyalur/Perpipaan, Pelaksanaan Pembangunan Konstruksi Tangki Penimbun, Pelaksanaan Pembangunan Konstruksi Sipil (Insfrastruktur/Steel Structure), Pelaksanaan Pembangunan Konstruksi PLTP);

Certifications

QMS ISO 9001:2015 Cert. Number: 58594/A/0001/UK/EN



Groove Design Single V groove Backing (Yes/No) Yes Backing Material (Type): N/A Size Others - Position (QW-405) Weld Metal Range Position (s) of Groove 3G Welding Progression Up-hill Tierpass Temp. Maximum (°C) N/A Preheat Temp. Minimum (°C) N/A Preheat Temp. Maximum (°C) N/A Process GTAW Guide Input Max N/A Process GTAW GTAW SMAW Process GTAW Mina DC EP None Polaryty N/A N/A EP Volt Range N/A Mich Size : - Tungsten Electrode Size : Type :- Type : Vel Kange N/A Maximum Type i Ampere Range N/A N/A 10 -26 Method of Back Gouging N/A Range Class Diameter </th <th></th>				
ASTM A 36 P No : 1 Group Joint Design (QW-402) Filler Metal (QW-404) Basking Material (Type): N/A Grove Design : Single V groove Backing Material (Type): N/A Size N/A Dothers : - Veld Metal Range N/A Size Position (QW-405) Yes Size N/A Size Position (S) of Groove : 3G Postwold Head Treadment (QW-407) Temperature Range : NOne N/A Size Position (QW-405) Postwold Head Treadment (QW-407) Temperature Range : None N/A Size Protext (QW-406) Preheat (QW-406) Time Range : None None Siselding : None Preheat (QW-406) String Gas (QW-408) Shielding : None Shielding : None Shielding : None Preheat (QW-406) Size : - Trand: : N/A Sing or Weaving Bead : String Gas Cup Size : - Polaryty N/A 150 - 180 N/A 10 - 28 N/A Initial and Interpass Clearing : Brushing & M/A Initial and I	SMAW E7016 2,6 mm			
Thickness Range : Base Material Groove : 12 mm Filler :: E 7016 Joint Design (QW-402) Groove Design : Single V groove Backing (Yes/No) : Yes Backing Material (Type): N/A Others : Filler Metal (QW-404) AWS No MA Backing Material (Type): N/A Size Others : N/A Position (QW-405) Pes Position (QW-405) Preset (QW-405) Position (a) of Groove :: 3G Temperature Range :: None Preheat (QW-405) Temperature Range :: None Preheat (QW-405) Gas QW-408) Preheat Temp. Minimum (°C) :: N/A Shielding :: None Interpass Temp. Maximum (°C) :: N/A Flow Rate :: None Preheat Mound (QW-406) Gas Cup Size Protexist (QW-406) String Gas Cup Size :: Type :- Polaryty N/A 10 - 26	SMAW E7016 2,6 mm			
Groove Design Single V groove Backing (Yes/No) Yes Backing Material (Type): N/A Size Others Size Others Size Position (QW-405) Position (QW-405) Position (s) of Groove :3G Preheat (QW-406) Temperature Range Preheat (QW-406) Temperature Range Preheat (QW-406) Gas (QW-408) Preheat (QW-406) Gas (QW-408) Preheat (QW-406) Shielding Preheat (QW-406) Shielding Preheat (QW-406) Gas CQW-408) Preheat (Multiple or Single Pass (per side): M/A Flow Rate Polaryty N/A EP Polaryty N/A 10 - 26 Nical and Ni/A DC EP Nical and Interpass (per side): Multiple Folle Pass (per side): Multiple Volt Range Ni/A 10 - 26 Nical and Interpass (per side): Multiple Foller Maage Volt Range Ni/A - Tungsten Electrode Size : - Type :- Type or Weld E Class Diameter Maw E 7016 2.6 DC EP Hot SMAW E 7016 2.0 C EP	E7016 2,6 mm			
Groove Design Single V groove Backing (Yes/No) Yes Backing Material (Type): N/A SFA No Others - Position (QW-405) Weld Metal Range Position (s) of Groove :G Welding Progression :Up-hill Therpass Temp. Maximum (°C) :N/A Preheat Temp. Minimum (°C) :N/A Preheat Temp. Maximum (°C) :N/A Probastion (QW-408) Flow Rate Preheat Temp. Maximum (°C) :N/A Probastion (QW-409) Technique (QW-410) String or Weaving Bead :String Gas Backing :None Electrical Characteristic (QW-409) Technique (QW-410) String or Weaving Bead :String Gas Cup Size :- Tungsten Electrode Size :- Tungsten Electrode Size :- Type :- :- Weid ShaWW E 7016 Z.6 DC EP 160 Gas Cup Size :- Type :- :- Tungsten Electrode Size :- Type :- :- </td <td>E7016 2,6 mm</td>	E7016 2,6 mm			
Backing Yes/No) : Yes Size N/A Backing Material (Type): N/A SFA No N/A Others SFA No SFA No Others Others / Brand : KOBE STEEL Position (QW-405) Postwold Head Treadment (QW-407) Prosition (s) of Groove : 3G Temperature Range : None Preheat (QW-405) Fand : None Preheat (QW-405) Gas (QW-406) Preheat (QW-406) Shielding : None Preheat (QW-406) String Gas Cup Size Process GTAW Out Range N/A Ampere Range N/A N/A 150 - 180 Volt Range N/A Head Input Max Tups :- Tungsten Electrode Size : - Type :- Shaw Weld Filler Metal Current Vala Shaw Shaw Root SMAW E 7016 2.6 DC EP 160 Hot SMAW E 7016 2.6 DC EP 160	2,6 mm			
Backing Material (Type): N/A SFA No N/A Dthers :- Weld Metal Range Obters :- Postweld Head Treadment (QW-407) Position (S) Groove :3G Time Range None Preheat Temp. Minimum (°C) : N/A String or Weaving Bead None Preheat Temp. Maximum (°C) : N/A Gas (QW-408) None Preheat Maintenance (minutes): N/A Gas Backing None Electrical Characteristic (QW-409) Technique (QW-410) String or Weaving Bead String Polaryty N/A DC EP Gas Cup Size :- Mathed Input Max N/A 10 - 26 Multiple For side: Nultiple Yolt Range N/A 10 - 26 Multiple For (SMAW) Thickness pass max: Weld (Layers) Process Filler Metal Current Travel Weid SMAW E 7016 2.6 DC EP 160 6 - 14 10 - 22 Hot SMAW E 7016 3.2 DC EP 170 6 - 16 14 - 26 Fill SMAW E				
Vield Meal Range KOBE STEEL Others / Brand : KOBE STEEL Position () of Grove : 3G Postweld Head Treadment () QW-407 () Nelding Progression : Up-hill Time Range : None Preheat Emp, Maximum (°C) : N/A Shielding : None Preheat Temp, Maximum (°C) : N/A Shielding : None Preheat Emp, Maximum (°C) : N/A Flow Rate : None Dictrical Characteristic (QW-409) Technique (QW-410) Process GTAW SMAW Current N/A DC EP Polaryty N/A 10 - 26 Marge Range N/A 10 - 26 Volt Range N/A 10 - 26 Yoth Range N/A 10 - 26 Yoth Range Size : - Type : - Weld Filler Metal Current Weld Forcess Ciass Ciass Diameter Type of Polarity Range Ciass Diameter Type : - Size : - Type : - Size : - Type : -				
Station (QW-405) bosition (s) of Groove : 3G Vedding Progression : Up-hill Postweld Head Treadment (QW-407) Temperature Range : None Trenbeat (QW-406) reheat (QW-406) treheat temp. Minimum (°C) : N/A therpass Temp. Maximum (°C) : N/A therpass Teaning : Brushing 8 N/A 10-26 N/A 10-26 N/A 10-26 thetal Institute and Interpass Cleaning : Brushing 8 thethod of Back Gouging : N/A thethod of Back Gouging :				
Voltion (s) of Groove : 3G Temperature Range : None Velding Progression : Up-hill Time Range : None Treheat (QW-406) Gas (QW-406) Preheat Temp, Minimum (°C) : N/A Shielding : None Temperature Range : None None Preheat Maintenance (minutes): N/A Flow Rate : None Gas Backing : None None Technique (QW-410) Technique (QW-410) Process GTAW SMAW Current N/A DC EP Mange MAA N/A DC EP Mot Range N/A 150 - 180 Volt Range N/A 10 - 26 N/A IO - 26 N/A N/A IO - 26 N/A Volt Range N/A 10 - 26 Weld Size : - Type : - Type : - Travel Speed Volt Class Diameter Type of Range Carso Diameter Speed Range Creminininini Range Volt Range Gas 2				
Variable String Gas (QW-406) y Shielding None Preheat Temp. Minimum (°C) : N/A Shielding : None Interpass Temp. Maximum (°C) : N/A Flow Rate None Preheat Maintenance (minutes): N/A Gas Backing : None Shielding : None Electrical Characteristic (QW-409) Technique (QW-410) String or Weaving Bead : String Process N/A DC EP Meaving Bead : String Ampere Range N/A 150 - 180 Initial and Interpass Cleaning : Brushing 2 Volt Range N/A 10 - 26 Initial and Interpass Cleaning : Brushing 2 Yugs : - Travel Size : - - Travel Speed Weld Erotes Diameter Type of Ampere Range Range Range Class Diameter Type of Ampere Range Range Range Class Diameter Type of Ampere Range Range Range Cord MaW E 7016 2.6				
Preheat Temp. Minimum (°C) : N/A Shielding : None Interpass Temp. Maximum (°C) : N/A Flow Rate None Preheat Maintenance (minutes): N/A Gas Backing : None Strieding : N/A Gas Backing : None Probeat Maintenance (minutes): N/A Gas Backing : None Process GTAW SMAW Current N/A DC EP N/A Markod of Back Gouging : N/A Ampere Range N/A 10 - 26 N/A Initial and Interpass Cleaning : Brushing & Multiple or Single Pass (per side): Multiple For (SMAW) Thickness pass max: Tungsten Electrode Size : - Type :- - Weld Filler Metal Current Range Class Diameter (mm) Poiarity Range Range Current Range Range Cass DC EP Hot SMAW E 7016 2.6 SMAW E 7016 3.2 DC EP Fill SMAW E 7016 3.2				
nterpass Temp. Maximum (°C) : N/A Preheat Maintenance (minutes): N/A Electrical Characteristic (QW-409) Process Current N/A DC EP Polaryty N/A EP Planyty N/A 10 - 26 Head Input Max Tungsten Electrode Size : - Type :- Weld (Layers) Process SMAW E 7016 2.6 DC EP 160 6 - 14 10 - 22 Hot SMAW E 7016 3.2 DC EP 170 6 - 16 14 - 26 Cap SMAW E 7016 3.2 DC EP 170 6 - 16 14 - 26 Cap SMAW E 7016 3.2 DC EP 170 6 - 16 14 - 26 Cap SMAW E 7016 3.2 DC EP 170 6 - 16 14 - 26 Process Cap Size - Fill SMAW E 7016 3.2 DC EP 170 6 - 16 14 - 26 Process Cap Size - Process Diameter Type of Cap Size - Fill SMAW E 7016 3.2 DC EP 170 6 - 16 14 - 26 Cap SMAW E 7016 5				
Preheat Mainferance (minutes): N/A Gas Backing : None Electrical Characteristic (QW-409) Technique (QW-410) Process GTAW SMAW Current N/A DC EP Polaryty N/A 150 - 180 Volt Range N/A 1-0 - 26 Head Input Max N/A 0 - 26 Tungsten Electrode Size : - Type :- - Weld (Layers) Process Filler Metal Current Weld (Layers) Friller Metal Current Travel Range Root SMAW E 7016 2.6 DC EP Hot SMAW E 7016 2.6 DC EP Fill SMAW E 7016 2.6 DC EP Hot SMAW E 7016 3.2 DC EP 170 Fill SMAW E 7016 3.2 DC EP 170 6 - 16 Fill SMAW E 7016 3.2 DC EP 170 6 - 16 14 - 26 Cap SMAW E 7016 3.2 DC EP 170 6 - 16 14 - 26				
Vecess GTAW SMAW Current N/A DC EP Polaryty N/A EP Ampere Range N/A 10-26 Volt Range N/A 10-26 Head Input Max Size :- Type :- Initial and Interpass Cleaning : Brushing 6 Weid Process Filler Metal Current Filler Metal Current Travel Range Spage Weid Forcess Diameter (mm) Type of Polarity Ampere Range Spage Weid SMAW E 7016 2.6 DC EP 160 6 - 14 10 - 22 Not SMAW E 7016 2.6 DC EP 160 6 - 14 10 - 22 Hot SMAW E 7016 3.2 DC EP 170 6 - 16 14 - 26 Fill SMAW E 7016 3.2 DC EP 170 6 - 16 14 - 26 Cap SMAW E 7016 3.2 DC EP 170 6 - 16 14 - 26 Prepared by : E 7016 3.2 DC EP 170 6 - 16 14 - 26	Gas Backing : None			
With DC EP Gas Cup Size				
Polaryty Ampere Range Volt Range Head Input Max N/A EP N/A Method of Back Gouging N/A Initial and Interpass Cleaning N/A Head Input Max N/A 10 - 2 Multiple or Single Pass (per side): Multiple For (SMAW) Thickness pass max: Method of Back Gouging N/A Weld (Layers) Process Filler Metal Current Travel Range (cm/min) Voit Range Root SMAW E 7016 2.6 DC EP 160 6 - 14 10 - 22 Hot SMAW E 7016 2.6 DC EP 160 6 - 14 10 - 26 Fill SMAW E 7016 3.2 DC EP 170 6 - 16 14 - 26 Cap SMAW E 7016 3.2 DC EP 170 6 - 16 14 - 26 Prepared by : Verified by : Verified by : Verified by :				
Weld (Layers) M/A 10 - 26 N/A Multiple or Single Pass (per side): Multiple For (SMAW) Thickness pass max: Weld (Layers) Size : - Type :- Multiple or Single Pass (per side): Multiple For (SMAW) Thickness pass max: Weld (Layers) Process Filler Metal Current (mm) Travel Polarity Speed Range (cm/min) Volt Range (cm/min) Root SMAW E 7016 2.6 DC EP 160 6 - 14 10 - 22 Hot SMAW E 7016 2.6 DC EP 160 6 - 14 10 - 22 Hot SMAW E 7016 3.2 DC EP 170 6 - 16 14 - 26 Cap SMAW E 7016 3.2 DC EP 170 6 - 16 14 - 26 Prepared by : Verified by : Verified by : Verified by :				
Wald Image Image For (SMAW) Thickness pass max: Tungsten Electrode Size :- Type:- - For (SMAW) Thickness pass max: Weld (Layers) Process Filler Metal Current (mm) Tavel Polarity Speed Range (cm/min) Volt Range (cm/min) Root SMAW E 7016 2.6 DC EP 160 6 - 14 10 - 22 Hot SMAW E 7016 2.6 DC EP 160 6 - 14 10 - 22 Hill SMAW E 7016 3.2 DC EP 170 6 - 16 14 - 26 Cap SMAW E 7016 3.2 DC EP 170 6 - 16 14 - 26 Cap SMAW E 7016 3.2 DC EP 170 6 - 16 14 - 26 Prepared by : E 7016 3.2 DC EP 170 6 - 16 14 - 26	& grinding			
Filler Metal Current Travel Speed (mm) Volt Polarity Root SMAW E 7016 2.6 DC EP 160 6 - 14 10 - 22 Hot SMAW E 7016 2.6 DC EP 160 6 - 14 10 - 22 Hot SMAW E 7016 3.2 DC EP 160 6 - 14 10 - 26 Fill SMAW E 7016 3.2 DC EP 170 6 - 16 14 - 26 Cap SMAW E 7016 3.2 DC EP 170 6 - 16 14 - 26 Prepared by : Verified by :				
Type :- Weld Layers) Process Filler Metal Class Current Diameter (mm) Type of Polarity Ampere Range (m/min) Travel Species (mm) Volt Range (m/min) Root SMAW E 7016 2.6 DC EP 160 6 - 14 10 - 22 Hot SMAW E 7016 2.6 DC EP 160 6 - 14 10 - 22 Hot SMAW E 7016 3.2 DC EP 170 6 - 16 14 - 26 Cap SMAW E 7016 3.2 DC EP 170 6 - 16 14 - 26 Prepared by :	8			
Weld (Layers) Process Diameter (mm) Type of Polarity Ampere Range Speed Range Volt Range Root SMAW E 7016 2.6 DC EP 160 6 - 14 10 - 22 Hot SMAW E 7016 2.6 DC EP 160 6 - 14 10 - 22 Fill SMAW E 7016 3.2 DC EP 170 6 - 16 14 - 26 Cap SMAW E 7016 3.2 DC EP 170 6 - 16 14 - 26 Cap SMAW E 7016 3.2 DC EP 170 6 - 16 14 - 26 Prepared by : Verified by : Verified by : Verified by :				
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WPS AWS D1.1 - Structural Welding Code Steel PI. GAZALI BAWAVI BUKNEU Supplier - Work Shop - Contractor & Maintc. Service JI. Proklamasi KM. 2,5 TPA, Kelurahan Manggar, Balikpapan - Kalimantan Timur Telp. (0542) 7035630 Fax. (0542) 7035628 Email : ptgazali@gmail.com WELDING PROCEDURE SPECIFICATION (WPS) (In Accordance to AWS D1.1 - Structural Welding Code Steel) Company Name PT.GAZALI BAWAVI BORNEO Page : 1 of 2 WPS No. 001/WPS/GBB/AWS/2009 Date November 10th 2009 Supporting PQR No. : 001/PQR/GBB/AWS/2009 Revision : 0 Welding Process (es) SMAW Type Manual Applicable Code / Spec. : AWS D1.1 JOINT DESIGN 30° ± 5° 2.0 ± 1.0 mm JOINT DETAIL X Single Double Weld : V Type Backing : YES XNO Backing Material : N/A Root Open : 2.0 - 3.0 mm Root Face Dimension : 2 - 4 mm Groove : V - Groove Radius : 60* - 65* Back Gouging Yes XNo Methode : N/A BASE METAL Group No. : 1 welded to Group No. - 1 Material Spec. : ASTM A 36 welded to Material Spec. : ASTM A 36 Type or Grade : welded to Type or Grade : -Thickness : 5 - 38.2 mm Groove : V - Groove Fillet : N/A Diameter pipe : -Inch/mm. FILLER METALS SMAW SMAW Process AWS Specification (SFA) A 5.1 A 5.1 AWS Classification E 6010 E 7016 Size of Filler Metals (mm) Ø 2.6 mm Ø 3.2 mm Brade's Name N/A N/A . SHIELDING FLUX GAS N/A : N/A Composition : N/A Electrode (Class) N/A Flow Rate : N/A Gas Cup Size : N/A **PREHEAT - INTERPASS TEMPERATURE** Preheat Temp. Min. : Ambient Temp. Interpass Temp. Max. : N/A

WPS ASME IX – Asme Boiler & Pressure Vessel Code PT. GAZALI BAWAVI BORNEO XAX Supplier - Workshop - Contractor & Maintc. Service Jl. Proklamasi KM. 2,5 TPA, Kelurahan Manggar, Balikpapan - Kalimantan Timur Telp. (0542) 7035630 Fax. (0542) 7035628 Email. ptgazali@gmail.com WELDING PROCEDURE SPECIFICATION (WPS) Page I of 1 Company Name : PT. GAZALI BAWAVI BORNEO Welding Procedure Specification : 002/WPS/PTGBB/2011 Code : ASME IX - Asme Boiler & Pressure Vessel Code Welding Process(es) : GTAW Rev: 0 Date: 25 Juli 2011 Type: Manual Supporting POR No.(s) : 002-POR/PTGBB/2011 JOINT DESIGN USED POSITION Butt Position or Groove : 3G Fillet Type : Vertical Progression: Up (X) Down () Single (X) Double Weld () Backing: YES () NO (X) Backing NNA ELECTRICAL CARACTERISTICS 1/16 " Transfer Mode (GTAW) Shot-Circuiting () Root Opening Root Face Dimension NA 60 ° Radius (J-U) NA Groove Angle Glabular() Sprav() Back Gouging YES() NO(X) Current: AC (X) DCEP () DCEN () Pulsed () Other BASE METAL Tugsten Electrode Material Spec. A 5083-H 321 (R) Size : NA Type or Grade NA Type : NA Thickness Range Groove: TECHNIQUE 3mm~12mm Fillet Not Restricted Stringer or Weave Bend Multi-pass or Single Pass : Multipass Diameter (pipe) range FILLER METALS Number of Electrodes AWS Specification : A 5.10/A 5.10M/1999 Dia, 2.4 mm Electrode Spacing : NA Longitudinal AWS Classification : ER 5356 NA Lateral Others: NA Angle NA SHIELDING Contact Tube Work Distance : NA Flux Argon Peening NONE GRINDING Interpass Cleaning: Back Gouging Elextro - Flux (class) NA Flow rate NA POSTWELD HEAT TREATMENT Gas Cup Size NA Temp ____ PREHEATING NA Preheat Temp., Min NA Time NA Interpass Temp., Min NA Max NA WELDING PROCEDURE Pass or Fifler Metals Current Joint Detail Travel Weld Type & Volt Speed Class Dis Amp. Layer(s) Polarit (mm/mnt GTAW ER 5356 18-19 17.9 AC 160 (DW-463.31s) PLATES - LESS THAN ³₄ in (LV mm) THICHTESS PROCEDURE QUALIFICATION GTAW ER 5356 2.4 AC 160 18-19 20.7 170 GTAW ER 5356 18-19 20,3 2,4 AC GTAW ER 5356 2.4 170 18~19 20.3 AC 1 2 AUG 2011 PREPARED BY APPROVED BY MIGAS : PT. GAZALI BAWAVI BORNEO 687 08 WP5 2011 SYAMSUL HUDA, SE

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Surat Izin Usaha Jasa Konstruksi (SIUJK)

LEMBAGA P	ENGEMBANGAN JASA KONSTR	UKSI	
	vices Development Board of Indonesia		
	ERTIFIKAT BADAN USAHA JASA	A PELAKSANA K	ONSTRUKSI
erdasarkan Undang - Undan	g No. 2 Tahun 2017 tentang Jasa Konstruksi de	engan ini Lembaga Peng	gembangan Jasa Konstruksi menetapkan
ahwa :			
lama Badan Usaha	: GAZALI BAWAVI, PT		
lama Pimpinan / PJBU	: YUSUF FIRDAUS		
Namat Badan Usaha	: JL. SAKURA NO. 17		
(abupaten / Kota	: Kab. Bengkalis	Kode Pos	4
rovinsi	: Riau	1-14	
No. Telepon		Fax	1
E-mail	: admin.duri@gazalibawavigroup.com		
VPWP	: 01.746.602.0-219.000		
enis Usaha	: Jasa Pelaksana Konstruksi		
Sifat Usaha	: Umum		
(ekayaan Bersih	: Rp. 1.000.000.000		
Vo Registrasi	: 0 - 1408 - 06 - 015 - 1 - 04 - 3575: tensi dan kemampuan untuk melaksanaka		
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intuk melakukan registrasi u	Jiang pada tahun ke-2 paling lambat tanggal	Pada tanggal	
intuk melakukan registrasi u	Jiang pada tahun ke-2 paling lambat tanggal	Pada tanggal	: 18 September 2019 Pengembangan Jasa Konstruksi Provinsi Riau

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6.Customers



7.Contact Us

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