



LAPORAN PEMERIKSAAN & PENGUJIAN

| | | |
|----------------------------|---|-----------------------------------------------------------------------------------------------------|
| Pemilik / Owner | : | BCK-MWT-MKH-DMT-KSO |
| Nama Peralatan / Equipment | : | Excavator |
| Pabrik Pembuat | : | KOMATSU |
| Nomor Item | : | EX- 02 |
| Nomor Seri | : | DBCH3494 |
| Model/Type | : | PC200-10M0 |
| Kapasitas Bucket | : | 1.0 M ³ |
| Tanggal Pemeriksaan | : | 13 Februari 2026 |
| Lokasi | : | Project Pembangunan Jalan Kawasan Komplek Legislatif, IKN Penajam Paser Utara – Kalimantan Timur |

DATA TEKNIS

| | | | | |
|--------------------------|-------------------------|-------|---|--------------------|
| Spesifikasi Excavator | Kapasitas / Bobot Kerja | | : | 14.700 Kg |
| | Panjang Keseluruhan | | : | 9.728 mm |
| | Lebar Keseluruhan | | : | 2.710 mm |
| | Tinggi Keseluruhan | | : | 3.440 mm |
| | Lebar Track Shoe | | : | 400 mm |
| | Panjang | Boom | : | 5.700 mm |
| | | Stick | : | 2.950 mm |
| | Ketinggian Kabin | | : | - |
| | Attachment Tipe | | : | Bucket |
| | Volume Bucket | | : | 1.0 m ³ |
| | Tekanan Tanah | | : | 47.4 Kpa |
| | Kecepatan Maksimum | | : | 5.4 km/h |
| | Radius Putaran | Kanan | : | 3.730 mm |
| | | Kiri | : | 3.730 mm |



| NO. | DESKRIPSI | HASIL | | KETERANGAN |
|----------|---------------------------------------------------------------------------------|----------|---------|----------------------------------------|
| | | Diterima | Ditolak | |
| I | Pemeriksaan Visual Visual Inspection | | | |
| 1 | Batang Utama Main Boom | | | |
| | Rangka utama <i>Main frame</i> | √ | | |
| | Rangka penguat <i>Bracing</i> | √ | | |
| | Sambungan boom, baut, mur, pin <i>Interconnection Boom, bolt, rivet, pin</i> | √ | | |
| 2 | Stick/ Arm Stick/ Arm | | | |
| | Rangka utama <i>Main frame</i> | √ | | |
| | Rangka penguat <i>Bracing</i> | √ | | |
| | Sambungan boom, baut, mur, pin <i>Interconnection Boom, bolt, rivet, pin</i> | √ | | |
| 3 | Perangkai Quick Coupler | | | <i>Tidak Tersedia/ Tidak Terpasang</i> |
| | Rangka utama <i>Main frame</i> | - | - | |
| | Rangka penguat <i>Bracing</i> | - | - | |
| | Sambungan boom, baut, mur, pin <i>Interconnection Boom, bolt, rivet, pin</i> | - | - | |
| 4 | Bucket Bucket | | | |
| | Rangka utama <i>Main frame</i> | √ | | |
| | Rangka penguat <i>Bracing</i> | √ | | |
| | Sambungan boom, baut, mur, pin <i>Interconnection Boom, bolt, rivet, pin</i> | √ | | |
| | Kuku Bucket <i>Bucket Teeth</i> | √ | | |
| 5 | Meja Putar Slewing Mechanism | | | |
| | Ring atas / bawah <i>Upper/ lower ring</i> | √ | | |
| | Bantalan Roller (Slewing) <i>Roller Bearing</i> | √ | | |
| | Bantalan meja <i>Roller path</i> | √ | | |
| | Sambungan pengikat (Baut & Mur) <i>Bolts & Nuts</i> | √ | | |
| | Gigi Swing <i>Swing Gear</i> | √ | | |



| NO. | DESKRIPSI | HASIL | | KETERANGAN |
|-----|-------------------------------------------------------------------------------|----------|---------|------------|
| | | Diterima | Ditolak | |
| | Pengunci <i>Lock</i> | √ | | |
| | Rem <i>Brake</i> | √ | | |
| 6 | Pengikat Beban Pengimbang <i>Counterweight Mounted</i> | | | |
| | Penyangga <i>Support</i> | √ | | |
| | Rangka penguat <i>Bracing</i> | √ | | |
| | Beban Penyeimbang <i>Counterweight</i> | √ | | |
| 7 | Konstruksi Bagian Bawah <i>Undercarriage</i> | | | |
| | Kerangka Kelabang <i>Track Frame</i> | √ | | |
| | Rantai Kelabang <i>Track Shoe</i> | √ | | |
| | Roller Atas/Bawah <i>Carrier & Track Roller</i> | √ | | |
| | Penggerak <i>Travel Device</i> | √ | | |
| | Gigi Penggerak <i>Sprocket</i> | √ | | |
| | Roda pengencang <i>Idler</i> | √ | | |
| 8 | Penggerak Utama <i>Prime Mover/ Main Engine</i> | | | |
| | Sistem Pendingin <i>Cooling System</i> | √ | | |
| | Sistem Pelumasan <i>Lubrication System</i> | √ | | |
| | Sistem Bahan Bakar <i>Fuel System</i> | √ | | |
| | Sistem Pemasukan & Pembuangan Udara <i>Air Intake & Exhaust System</i> | √ | | |
| | Dudukan Mesin <i>Engine Mounting</i> | √ | | |
| | Pelindung <i>Safety Guard</i> | √ | | |
| 9 | Sistem Kelistrikan <i>Electrical System</i> | | | |
| | Kabel panel <i>Cable & Panel</i> | √ | | |
| | Sistem Pengontrol <i>Control System</i> | √ | | |
| | Sistem Pengaman <i>Main braker</i> | √ | | |
| | Saklar / kontaktor | √ | | |

| NO. | DESKRIPSI | HASIL | | KETERANGAN |
|-----|--------------------------------------------------------------------|----------|---------|-----------------------|
| | | Diterima | Ditolak | |
| | Switch / Contactor | | | |
| | Sistem Pembumian <i>Grounding System</i> | √ | | |
| | Pelindung Kabel <i>Insulation</i> | √ | | |
| 10 | Sistem Hidrolik <i>Hydraulic System</i> | | | |
| | Selang Tek. Tinggi <i>High Pressure Hose</i> | √ | | |
| | Akumulator hidrolik <i>Hydraulic Accumulator</i> | √ | | |
| | Pompa <i>Hydraulic Pump</i> | √ | | |
| | Katup Kendali <i>Control Valve</i> | √ | | |
| | Katup Pembagi <i>Three Way Valve / Relief Valve</i> | √ | | |
| | Tangka Penimbun <i>Reservoir Tank</i> | √ | | |
| 11 | Sistem Pneumatik <i>Pneumatic System</i> | | | <i>Tidak Tersedia</i> |
| | Kompresor <i>Compressor</i> | - | - | |
| | Selang <i>Hose/Tubing</i> | - | - | |
| | Akumulator <i>Accumulator</i> | - | - | |
| | Pompa <i>Pump</i> | - | - | |
| | Katup Kendali <i>Control Valve</i> | - | - | |
| | Katup Pengaman <i>PSV</i> | - | - | |
| | Tangki Penimbun <i>Air Receiver Tank</i> | - | - | |
| 12 | Ruang Kontrol <i>Cabin</i> | | | |
| | Rangka/ Dinding <i>Cabin Frame/ Wall</i> | √ | | |
| | Pintu, Jendela <i>Door, Window</i> | √ | | |
| | Lantai, Tangga <i>Floor, Ladder</i> | √ | | |
| | Pegangan tangan <i>Handrail</i> | √ | | |
| | Tempat Operator, Sabuk Pengaman <i>Operator Seat, Seat Belt</i> | √ | | |
| | Kaca Spion <i>Mirror</i> | √ | | |

| NO. | DESKRIPSI | HASIL | | KETERANGAN |
|-----|------------------------------------------------------------------------|----------|---------|------------------------------------|
| | | Diterima | Ditolak | |
| | Klakson, Alarm <i>Horn, Alarm</i> | √ | | |
| | Kaca, Pembersih <i>Wind Shield, Wiper</i> | √ | | |
| | Kemudi, Tuas, Pedal, Tombol <i>Steering, Lever, Pedals, Button</i> | √ | | |
| | Petunjuk Operasi <i>Operation Instruction</i> | √ | | |
| | Alat Pengontrol <i>Control Devices</i> | √ | | |
| | Lampu Kabin <i>Cabin Lamp</i> | √ | | |
| 13 | Perlengkapan Safety <i>Safety Devices</i> | | | |
| | Indikator <i>Indicators</i> | √ | | |
| | Table beban <i>Load Chart</i> | √ | | |
| | APAR <i>Fire Extinguisher</i> | √ | | |
| | Alat Komunikasi <i>Radio Communication</i> | √ | | |
| | P3K <i>First Aid Kit</i> | √ | | |
| | Lampu Kerja <i>Head Lamp, Rotary Lamp</i> | | √ | Segera diadakan untuk lampu Rotary |
| | | | | |
| II | Pemeriksaan Visual <i>Visual Inspection</i> | | | |
| 1 | Visual | √ | | |
| 2 | Magnetic Test | √ | | |
| | | | | |
| III | Uji Fungsi/ Kinerja <i>Function/ Performance Test</i> | | | |
| 1 | Travel <i>Travelling</i> | | | |
| a | Track Kanan <i>Right Shoe</i> | | | |
| | - Maju <i>Forward</i> | √ | | |
| | - Mundur <i>Backward</i> | √ | | |
| b | Track Kiri <i>Left Shoe</i> | | | |
| | - Maju <i>Forward</i> | √ | | |



| NO. | DESKRIPSI | HASIL | | KETERANGAN |
|-----|-------------------------------------------------------------|----------|---------|------------|
| | | Diterima | Ditolak | |
| | - Mundur <i>Backward</i> | √ | | |
| 2 | Berputar <i>Swing</i> | | | |
| a | Searah jarum jam <i>Clockwise (CW)</i> | √ | | |
| b | Berlawanan arah jarum jam <i>Counter Clockwise (CCW)</i> | √ | | |
| 3 | Boom <i>Boom</i> | | | |
| a | Naik <i>Raise</i> | √ | | |
| b | Turun <i>Down</i> | √ | | |
| 4 | Stick/ Arm <i>Stick/ Arm</i> | | | |
| a | Masuk <i>In</i> | √ | | |
| b | Keluar <i>Out</i> | √ | | |
| 5 | Bucket <i>Bucket</i> | | | |
| a | Menutup/ Menekuk <i>Crawl</i> | √ | | |
| b | Membuka/ Membuang <i>Dump</i> | √ | | |

Kesimpulan : Berdasarkan hasil pemeriksaan-pengujian dan hasil aktual, “*Excavator*” dengan Nomor Item **EX-02** tersebut layak digunakan.

Diperiksa Oleh,

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Inspector