


Schedule

Issue date: 19 March 2025
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| INSPECTION BODY/ CENTRAL OFFICE:  | KPG Synergy Sdn. Bhd. No. 11, Jalan Astaka U8/88a, Section U8, Bukit Jelutong, 40150 Shah Alam, Selangor. , 40150, SELANGOR MALAYSIA |
| ACCREDITED SINCE : | 19 MARCH 2025 |
| TYPE OF INSPECTION : | A |
| FIELD(S) OF INSPECTION : | NON-DESTRUCTIVE TESTING (NDT) SERVICES - TYPE A |

An inspection body's fulfilment of the requirements of ISO/IEC 17020:2012 means the inspection body meets both the technical competence requirements and **management system requirements** that are necessary for it to consistently deliver technically valid inspection results. The **management system requirements** in ISO/IEC 17020:2012 (Section 8) are written in language relevant to inspection body operations and are aligned with the pertinent requirements of ISO 9001. (Joint IAF-ILAC-ISO Communiqué dated September 2013).

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|---------------------------------|--|
| CENTRAL LOCATION: | KPG Synergy Sdn. Bhd. No. 11, Jalan Astaka U8/88a, Section U8, Bukit Jelutong, 40150 Shah Alam, Selangor. , 40150, Selangor |
| FIELD(S) OF INSPECTION : | NON-DESTRUCTIVE TESTING (NDT) SERVICES - TYPE A |
| TYPE OF INSPECTION : | A |

SCOPE OF INSPECTION :

| | | |
|---|------------------------------|-----------------------------------|
| Central CAB | | |
| CAB Name : <u>KPG Synergy Sdn. Bhd.</u> | | |
| Inspection | | |
| Items, Materials or Products Inspected | Type and Range of Inspection | Inspection Methods and Procedures |
| NDT | | |
| (AUT) | service inspection | None |
| (KPG-NDT-01-06-PMI) | service inspection | Guide for Metals Identification, |
| 01-05-HT) | service inspection | Method for Leeb Hardness Testing |
| Automated Ultrasonic Testing | New Sample and in- | ASME Section V (2019), Article 4 |
| Calibration Block e | service inspection | None |
| Calibration Block e | service inspection | None |
| components | service inspection | None |
| components | service inspection | None |
| components | service inspection | None |
| Corrosion Mapping e | service inspection | None |
| Dimensional Check (VT-01) | New Sample and in- | ASME Section V (2019), Article 9 |

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| Items, Materials or Products Inspected | Type and Range of Inspection | Inspection Methods and Procedures |
|--|------------------------------|-----------------------------------|
| e Welding | service inspection | None |
| Engineering e | service inspection | None |
| Engineering e | service inspection | None |
| Engineering e | service inspection | None |
| Hardness Testing (KPG-NDT- | New Sample and in- | ASTM A956 ? 12 Standard Test |
| Liquid Penetrant Testing (PT) | New Sample and in- | ASME Section V (2019), Article 6 |
| Macro Measurement (VT-02) | New Sample and in- | ASME Section V (2019), Article 9 |
| Magnetic Particle Testing (MT) | New Sample and in- | ASME Section V (2019), Article 7 |
| measurement | service inspection | None |
| Phased Array Ultrasonic | New Sample and in- | ASME Section V (2019), Article 4 |
| Positive Material Identification | New Sample and in- | ASTM E1476 ? 04 (2014) Standard |
| Radiography Testing (RT) | New Sample and in- | ASME Section V (2019), Article 2 |
| Reference Block e | service inspection | None |
| Reference Block e | service inspection | None |
| Testing (PAUT) | service inspection | None |
| Testing (TOFD) | service inspection | None |
| Thickness e | service inspection | None |
| Time of Flight Diffraction | New Sample and in- | ASME Section V (2019), Article 4 |
| Ultrasonic Testing (UT) | New Sample and in- | ASME Section V (2019), Article 4 |
| Welding | service inspection | None |

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| Items, Materials or Products Inspected | Type and Range of Inspection | Inspection Methods and Procedures |
|--|------------------------------|-----------------------------------|
| Welding | service inspection | None |
| Welding e | service inspection | ASME Section V (2019), Article 5 |
| Welding e | service inspection | None |
| Welding e | service inspection | None |
| Welding e | service inspection | None |
| Welding e | service inspection | None |
| Welding e | service inspection | of Steel Products |
| Welding e | service inspection | Grade Verifications and Sorting |

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