

Tabel Materi Pembelajaran Daring

| NO. | Pokok Bahasan | Tujuan | Sub Pokok Bahasan | Waktu | Referensi |
|-----|--------------------------------------|---|--|-------|---|
| 1. | Pengantar | Setelah mengikuti materi ini, peserta mampu menjelaskan pengertian, filosofi, sejarah, jenis-jenis standar dan manfaat standar dalam kehidupan | <ol style="list-style-type: none"> 1. Pengertian 2. Filosofi 3. Sejarah 4. Jenis-jenis standar 5. Manfaat standar dalam kehidupan. | 120' | <ol style="list-style-type: none"> 1. Verman, Lal C. <i>Standardization : A new Discipline</i>. New Delhi Affiliated east west press; 1973 2. International Trade Centre UNCTAD/WTO .<i>Road Map for Quality : Guidelines for the review of the SQAM Infrastructure at National Level</i>. 2004 3. Spivak, Steven M. <i>Standardization Essentials Principles and Practice</i>. Copyright by Marcel Dekker, Inc, 2001 |
| 2. | Cakupan standar | Setelah mengikuti materi ini, peserta mampu menjelaskan cakupan standar yaitu : level, subyek dan aspek standarisasi, sifat standar serta tujuan standarisasi dan manfaat standar | <ol style="list-style-type: none"> 1. Level standarisasi 2. Subyek standarisasi 3. Aspek standarisasi 4. Sifat standar 5. Tujuan standarisasi dan manfaat standar | 120' | <ol style="list-style-type: none"> 1. ISO/IEC guide 2, 2004. <i>Standardization and related activities – General vocabulary</i> 2. Blind, Knut. <i>The Economics of Standards : Theory, Evidence, Policy</i>. Edward Elgar Publishing. 2004 3. International Trade Centre UNCTAD/WTO . <i>Road Map for Quality : Guidelines for the review of the SQAM Infrastructure at National Level</i>. 2004 4. International Organization for Standardization. <i>Benefits of Standardization ;(Bab II)</i>.1982. 5. Spivak, Steven M. <i>Standardization Essentials Principles and Practice</i>. Copyright by Marcel Dekker, Inc. 2001 6. Verman, Lal C. <i>Standardization : A new Discipline</i>. New Delhi Affiliated east - west press. 1973 7. PP No. 102 : 2000 <i>tentang Standarisasi Nasional</i> 8. Sistem Standarisasi Nasional (SSN) |
| 3. | Infrastruktur Mutu | Setelah mengikuti materi ini, peserta mampu menjelaskan 3 pilar infrastruktur mutu, (standarisasi, penilaian kesesuaian dan metrologi) | <ol style="list-style-type: none"> 1. Standarisasi 2. Penilaian kesesuaian 3. Metrologi | 120' | <ol style="list-style-type: none"> 1. ISO/IEC guide 2, 2004. <i>Standardization and related activities – General vocabulary</i> 2. Blind, Knut. <i>The Economics of Standards : Theory, Evidence, Policy</i>. Edward Elgar Publishing. 2004 3. International Trade Centre UNCTAD/WTO . <i>Road Map for Quality : Guidelines for the review of the SQAM Infrastructure at National Level</i>. 2004 4. International Organization for Standardization. <i>Benefits of Standardization ;(Bab II)</i>.1982. 5. Spivak, Steven M. <i>Standardization Essentials Principles and Practice</i>. Copyright by Marcel Dekker, Inc. 2001 6. Verman, Lal C. <i>Standardization : A new Discipline</i>. New Delhi Affiliated east - west press. 1973 7. PP No. 102 : 2000 <i>tentang Standarisasi Nasional</i> 8. Sistem Standarisasi Nasional (SSN) |
| 4. | Prinsip dasar Pengembangan standar & | Setelah mengikuti materi ini, peserta mampu menjelaskan anatomi standar dan prinsip | <ol style="list-style-type: none"> 1. Prinsip dasar 2. Anatomi standar 3. Proses perumusan | 120' | <ol style="list-style-type: none"> 1. ISO/IEC Directive part 1, 2004. <i>Procedures for the technical work</i> 2. ISO/IEC Guide 21-1:2005. <i>Regional or national adoption of</i> |

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| | Anatomi standar | dasar pengembangan standar | standar (termasuk harmonisasi standar) | | <i>International Standards and other International Deliverables – Part 1: Adoption of International Standards</i> 3. PSN 01:2005 – Pengembangan SNI 4. PSN 02:2005 – Panitia Teknis Perumus Standar 5. PSN 03:2005 – Adopsi Standar Internasional menjadi SNI 6. PSN 04:2005 – Jajak Pendapat dan Pemungutan Suara 7. PSN 06:2007 – Penomoran SNI |
| 5. | Proses Pengembangan standar | Setelah mengikuti materi ini, peserta mampu menjelaskan proses pengembangan standar | 1. Proses perumusan standar (lanjutan) 2. Substansi standar (contoh : produk, metode uji, proses) 3. Pemeliharaan standar | 120' | 1. ISO/IEC Directive part 1, 2004. <i>Procedures for the technical work</i> 2. ISO/IEC Guide 21-1:2005. <i>Regional or national adoption of International Standards and other International Deliverables – Part 1: Adoption of International Standards</i> 3. PSN 01:2005 – Pengembangan SNI 4. PSN 02:2005 – Panitia Teknis Perumus Standar 5. PSN 03:2005 – Adopsi Standar Internasional menjadi SNI 8. PSN 04:2005 – Jajak Pendapat dan Pemungutan Suara 9. PSN 06:2007 – Penomoran SNI |
| 6. | Sistem Penerapan standar | Setelah mengikuti materi ini, peserta mampu menjelaskan sistem penerapan standar dan regulasi teknis | 1. Prinsip dasar penerapan standar (<i>voluntary dan mandatory</i>) 2. Infrastruktur penerapan standar (kelembagaan & keterkaitannya) | 120' | 1. PP No. 102 : 2000 tentang Standardisasi Nasional 2. Sistem Standardisasi Nasional (SSN) 3. The WTO Agreement on Technical Barriers to Trade |
| 7. | Penilaian kesesuaian dan Metrologi | Setelah mengikuti materi ini, peserta mampu menjelaskan makna dan prinsip-prinsip metrologi dan penilaian kesesuaian dalam penerapan standar | 1. Metrologi 2. Akreditasi 3. Sertifikasi | 120' | 1. ISO/IEC 17000:2004 , <i>Conformity assessment –Vocabulary and general principles</i> 2. ISO/IEC 17025:2005, <i>General requirements for the competence of testing and calibration laboratories.</i> 3. ISO/IEC 17020:1998, <i>General criteria for the operation of various types of bodies performing inspection</i> 4. ISO/IEC 17021:2006, <i>Conformity assessment –Requirements for bodies providing audit and certification of management system</i> 5. ISO/IEC 17024:2003, <i>Conformity assessment – General requirements for bodies operating certification of persons</i> 6. ISO/IEC Guide 65:1996, <i>General requirements for bodies operating product certification systems</i> 7. ISO 15189:2007, <i>Medical laboratories –Particular requirements for quality and competence</i> |
| 8. | Manfaat ekonomi standar | Setelah mengikuti materi ini, peserta mampu menjelaskan mikro dan makro ekonomi serta manfaat standar dalam perdagangan dan dalam | 1. Mikro ekonomi 2. Makro ekonomi 3. Manfaat standar dalam perdagangan dan dalam menanggapi isu global | 120' | 1. Blind, Knut. <i>The Economics of Standards :Theory, Evidence, Policy.</i> Edward Elgar Publishing, 2004 2. International Trade Centre UNCTAD/WTO . <i>Road Map for Quality : Guidelines for the review of the SQAM</i> 3. |

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| | | menanggapi isu global (eg. <i>climate change, social security</i>) | | | 4. <i>Infrastructure at National Level</i> . 2004 5. International Organization for Standardization. 6. <i>Benefits of Standardization ;(Bab II)</i> . 7. 1982. 8. Spivak, Steven M. <i>Standardization Essentials</i> 9. <i>Principles and Practice</i> . Copyright by 10. Marcel Dekker, Inc. 2001 11. Verman, Lal C. <i>Standardization : A new</i> 12. <i>Discipline</i> . New Delhi Affiliated east - west press. 1973 |
| 9. | Standar dan Inovasi | Setelah mengikuti materi ini, peserta mampu menjelaskan hubungan standar dan inovasi serta Paten | 1. Pentingnya standar, inovasi dan paten bagi industri 2. Proses teknologi inovasi | 120' | 1. ISO/IEC Directive part 1, 2004. <i>Procedures for the technical work</i> . 2. Verman, Lal C. <i>Standardization : A new Discipline</i> . New Delhi Affiliated east - west press. 1973 |
| 10. | Tugas Mandiri (Studi kasus pemanfaatan standar) | Setelah melaksanakan kegiatan/tugas ini, peserta mampu mengidentifikasi dan memilih standar dalam penerapan pada bidang tertentu | Tugas individu (Pilih Salah Satu): 1. Setiap Peserta mencari 1 judul SNI produk, membuat ulasan tentang hubungan antara standar dan produk disertai dengan bukti tanda SNI dalam kemasan atau yang menempel pada produk tersebut, dapat berupa gambar, foto, kemasan. (contoh video pengujian helm SNI) 2. Membuat ringkasan (minimal 5 halaman) yang bersumber dari beberapa artikel ilmiah atau prosiding/seminar yang terkait dengan bidang standardisasi. Tugas dikumpulkan via | 120' | 1. ASTM International. <i>The Handbook of Standardization</i> . Philadelphia. ASTM International. 2. BSN. 2005. <i>Glosarium Standardisasi</i> . Jakarta. BSN. 3. Direktorat Perdagangan dan Perindustrian Multilateral. 2003. <i>Sekilas WTO</i> . Jakarta. Departemen Luar Negeri. 4. Kuppanna, Ed. Shri S.R. 1988. <i>Monograph on Standardization</i> . Bombay. Institute of Standards Engineers 5. Muljono, Eugenia Liliawati; Hadi Setia Tunggal dan Harvarindo. 1997. <i>Himpunan Peraturan Perundang-undangan tentang Standardisasi, Sertifikasi, Akreditasi dan Pengawasan Mutu di Indonesia</i> . 6. Euromet Project No. 545. 1995. <i>Metrology in Short</i> . Euromet 7. Winarno, F.G. 2002. <i>CODEX dan SNI dalam Perdagangan Pangan Global</i> . Bogor. M-Brio Press. 8. De Vries, Henk J.; 1999. <i>Standardization</i> . Kluwer Academic Publishers. 9. International Trade Centre. 2004. <i>Road Map for Quality: Guidelines for the review of the SQAM Infrastructure at National Level</i> . UNCTAD/WTO. 10. Blind, Knut. 1984. <i>The Economics of Standards</i> . Minneapolis. Edward Elgar Publishing. Inc. 11. Blind, Knut. 2004. <i>The Economics of Standards-Theory</i> , |

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| | | | email ke administrator | | <p><i>Evidence, Policy</i>. Cheltenham, UK. Edward Elgar Publishing.</p> <p>12. ISO. 1982. <i>Benefits of Standardization, International Organization for Standardization</i>. Geneva. ISO.</p> <p>13. Verman, Lal C. 1973. <i>Standardization : A New Discipline</i>. Affiliated East-West Press Pvt. Ltd. New Delhi.</p> <p>14. National Research Council. 1995. <i>Standards, Conformity Assessment, and Trade</i>. National Research Council.</p> <p>15. Spivak, Steven M. and F. Cecil Brenner. 2001. <i>Standardization Essentials, Principles and Practice</i>. New York. Marcel Dekker Inc.</p> <p>16. UNCTAD/WTO. <i>Legal Metrology and International Trade</i>. International Trade Centre.</p> <p>17. Grindley, Peter. 2002. <i>Standards, Strategy and Policy</i>. Oxford. Oxford University Press</p> |