

# SAF-784 Review and Approval of Nuclear Safety Basis Documents

## Competency-to-Course Matrix

This course addresses the following Functional Area Qualification Standards (FAQS) <sup>1</sup> and competency statements (CS):

	Functional Area Qualification Standards (FAQS)	Competency Statements (CS)
1.	<b>Chemical Processing</b>  DOE-STD-1176-2010 Approved: 2010-02	CS-5, CS-19
2.	<b>Civil Structural Engineering</b>  DOE-STD-1182-2004 Approved: 2004-03	CS-7
3.	<b>Construction Management</b>  DOE-STD-1182-2004 Approved: 2004-03	CS-29, CS-38
4.	<b>Criticality Safety</b>  DOE-STD-1173-2009 Approved: 2009-04	CS-13, CS-17, CS-22, CS-24, CS-28, CS-33, CS-36, CS-37, CS-39, CS-40
5.	<b>Deactivation and Decommissioning</b>  DOE-STD-1166-2003 Approved: 2003-09	CS-13, CS-14, CS-15, CS-31
6.	<b>Electrical Systems and Safety Oversight</b>  DOE-STD-1170-2007 Approved: 2007-08	CS-20, CS-33, CS-36
7.	<b>Emergency Management</b>  DOE-STD-1177-2004 Approved: 2004-01  Note: Reviewed in March 2010 No Update Required	CS-16
8.	<b>Environmental Restoration</b>  DOE-STD-1157-2002 Approved: 2002-11	CS-17
9.	<b>Facility Maintenance Management</b>  DOE-STD-1181-2004 Approved: 2004-03	CS-2, CS-22, CS-23, CS-24, CS-26, CS-27, CS-33
10.	<b>Facility Representative</b>  DOE-STD-1151-2010 Approved: 2010-10	CS-40
11.	<b>Fire Protection</b>  DOE-STD-1137-2007 Approved: 2007-12	CS-1, CS-11

<sup>1</sup>A complete list of FAQSs is available on the Federal Technical Capability Program website:  
<http://www.hss.doe.gov/deprep/ftcp/directives/QualStdSchedule.asp#note4>

	<b>Functional Area Qualification Standards (FAQS)</b>	<b>Competency Statements (CS)</b>
12.	<b>General Technical Base</b>  DOE-STD-1146-2007 Approved: 2007-12	C-14, CS-19, CS-20, CS-22
13.	<b>Industrial Hygiene</b>  DOE-STD-1138-2007 Approved: 2007-11	CS-18, CS-20, CS-21
14.	<b>Instrumentation and Control</b>  DOE-STD-1162-2003 Approved: 2003-06	CS-28, CS-29
15.	<b>Mechanical Systems</b>  DOE-STD-1161-2008 Approved: 2008-06	CS-7, CS-8, CS-18, CS-22, CS-23, CS-26
16.	<b>NNSA Package Certification Engineer</b>  DOE-STD-1026-2009 Approved: 2009-02	CS-7, CS-12, CS-17, CS-19
17.	<b>Nuclear Explosive Safety Study (CN-1)</b> DOE-STD-1185-2007 Approved: 2010-04	CS-1, CS-4, CS-20, CS-27, CS-31, CS-32, CS-34, CS-37
18.	<b>Nuclear Safety Specialist</b>  DOE-STD-1183-2007 Approved: 2007-11	CS-4, CS-5, CS-6, CS-15, CS-16, CS-17, CS-18, CS-19, CS-20, CS-21, CS-22, CS-23, CS-24, CS-25, CS-26, CS-27
19.	<b>Occupational Safety</b>  DOE-STD-1160-2011 Approved: 2011-07	CS-1, CS-2, CS-6, CS-7, CS-23, CS-25, CS-27, CS-33
20.	<b>Quality Assurance</b>  DOE-STD-1150-2002 Approved: 2002-04	CS-A4
21.	<b>Radiation Protection</b>  DOE-STD-1174-2003 Approved: 2003-12	CS-10, CS-12, CS-14
22.	<b>Safeguards and Security General Technical Base</b>  DOE-STD-1123-2009 Approved: 2009-07	CS-13, CS-14
23.	<b>Safety Software Quality Assurance</b>  DOE-STD-1172-2011 Approved: 2011-03	CS-2, CS-3, CS-16
24.	<b>Senior Technical Safety Manager</b>  DOE-STD-1175-2006 Approved: 2006-10	CS-6, CS-16, CS-21

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	<b>Functional Area Qualification Standards (FAQS)</b>	<b>Competency Statements (CS)</b>
25.	<b>Technical Program Manager</b>  DOE-STD-1178-2004 Approved: 2004-02 Note: Reviewed in March 2010 No update Required	CS-2, CS-4, CS-10
26.	<b>Technical Training</b>  DOE-STD-1179-2004 Approved: 2004-02	CS-14
27.	<b>Transportation and Traffic Management</b>  DOE-STD-1155-2002 Approved: 2002-09	CS-6, CS-12

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