

Table 2. Current National Standards for Renovation Projects

Country	Building Energy	Building Envelope	HVAC	Lighting
Austria	OIB Directive Nr. 6	OIB RL 6, 2011	EN 1507, EN 12237 ÖNORM H 5057, OIB RL 6, 2011	EN 12464-1 and -2 EN 15193
China	GB 50189-2015	GB 50189-2015, GB/T 7016-2008	GB 50736-2012, GB 50189-2015	GB 50034-2013 GB 50189-2015
Denmark	Danish Building Regulation 2010 DS Standard 418	Danish Building Regulation 2010	Standard 447, Standard 452	DS/EN ISO 12464-1
Estonia	Ordinance No. 63. RT I, 18.10.2012, 1, 2012; Ordinance No. 68. RT I, 05.09.2012, 4, 2012	EVS-EN ISO 10077, EVS-EN 1026 EVS-EN 12207 EVS-EN 12208	EVS-EN 13779; EN 12237; Ordinance No. 70. RT I, 09.11.2012, 12	Ordinance No. 70. RT I, 09.11.2012, 12
Germany	DIN 18599-1; EnEV 2014	EnEV 2014, DIN 18361 DIN 18355, DIN V 18599/2 DIN 4102, DIN 4108 DIN EN 13162, DIN EN 13163 DIN EN 13164, DIN EN 13165 DIN EN 13167, DIN EN 13171	EnEV 2014, DIN V 18599, DIN 1946-6, DIN EN 13779, DIN 24192 II/III/IV, DIN 4108-6, DIN 4701-10	DIN 18599-4, DIN 5035 T 1-14
Latvia	Law on the Energy Performance of Buildings, Cabinet Regulation No. 348, Cabinet Regulation No. 383, Cabinet Regulation No. 382	Latvian Construction Standard LBN 002-01	Latvian Construction Standard LBN 231-03, Latvian Construction Standard LBN 003-01	Cabinet Regulation No. 359
UK	BS EN 15603:2008	Building Regulations 2010— Conservation of Fuel and Power: Part L, Scottish Building Standards 2015— Technical Handbook 2015	Non-Domestic Building Services Compliance Guide: 2013, Non-Domestic Building Services Compliance Guide for Scotland: 2015, BS EN 15727:2010, BS 5422:2009	BS EN 12464-1: 2011, Non-Domestic Building Services Compliance Guide: 2013, Non-Domestic Building Services Compliance Guide for Scotland: 2015
USA	ANSI/ASHRAE/IES Standard 90.1-2010 ANSI/ASHRAE/IES Standard 100-2015	ANSI/ASHRAE/IES Standard 90.1-2013	ANSI/ASHRAE/IES Standard 90.1 2010	ANSI/ASHRAE/IES Standard 90.1; IESNA Recommended Practices, 10th Edition, 2010

Table 3. Representative US Department of Energy (DOE) Climate Zones in the Annex 61 Participating Countries

Country	Climate Zone(s)	Representative City
Austria	4a and 7	Wien, Obertauern
China	2a, 3a, 3c, 4a, 7	Guangzhou, Shanghai, Kunming Beijing, Harbin
Denmark	5a	Copenhagen
Estonia	6a	Tartu
Germany	5a	Wurzburg
Latvia	6a	Riga
UK	4a, 5a	London, Aberdeen
USA	1a–8b	Miami, Houston, Phoenix, Memphis, El Paso, San Francisco, Baltimore, Albuquerque, Seattle, Chicago, Colorado Springs, Burlington, Helena, Duluth, Fairbanks

