

2027 Municipal BOT Grant

EXHIBIT B-2 ADVANCED level training requirements (B-1 Entry Level must be accomplished first)

(chapter references are the 2020 Minnesota Building Code Ch. 1305)

Sec.	Training Description - Includes plan reviews and inspections
1	Achieve Building Official - Limited certification
2	ICC certifications or College courses related to this level of training
3	Use and Occupancy Classifications MSBC Ch. 1305 Ch. 3
4	Special Requirements Ch. 4
5	Heights and Area Separations Ch. 5
6	Types of Construction Ch. 6
7	Fire and Smoke protection features Ch. 7
7a	Fire Ratings: testing, labeling, materials, agencies, application methods
7b	Exterior walls Sec. 6 & 705
7c	Fire Walls Sec. 706
7d	Fire Barriers Sec. 707
7e	Fire Partitions Sec. 708
7f	Sound Transmission Systems
7g	Smoke Compartments Sec. 709 & 710
7h	Horizontal Assemblies Sec. 711
7i	Vertical Openings & Shafts Sec. 712 & 713
7j	Penetrations, Opening Protectives Sec. 714 – 716
7k	Ducts & Transfer Openings Sec. 717
8	Interior Finishes Ch. 8
9	Fire Protection and Life Safety Systems Ch. 9
9a	Acceptance Tests Sec. 901.5
9b	Municipalities procedures
9c	Automatic Sprinkler Systems
9d	Alternative Automatic Fire Extinguishing Systems Sec. 904 i.e.: Ansul, CaptiveAire, etc.
9e	Standpipe Systems Sec. 905
9f	Portable Fire Extinguishers Sec. 906
9g	Alarms, Detection, Communications, Emergency Response Sec. 907,908, 911, 912, 914, 915, NFPA 72
9h	Smoke and Heat Control & Exhaust Sec. 909, 910, 916
9i	Fire Pump and Pump Rooms Sec. 913, NFPA 20
10	Means of Egress Ch. 10
10a	General Requirements
10b	Occupant Load
10c	Doors
10d	Stairways & Ramps
10e	Signage
10f	Guards and Handrails
10g	Exit Access
10h	Horizontal Exits
10i	Exit Passageways

10j	Exit Discharges
10k	Assembly Exits
10l	Emergency Escape and Rescue Openings
11	Minnesota Accessibility Code 1341
12	Interior Environment Ch. 12
13	Energy Efficiency Ch.1323
14	Exterior Walls Ch. 14
15	Roof Assemblies and Structures Ch. 15
16	Structural Design Ch. 16
17	Special Inspections and Tests Ch. 17
18	Soils and Foundations, Materials of Const. Sec. 18 -26
19	Materials of Construction Ch. 19 - 26
28	Mechanical systems and Mechanical/Fuel Gas Code Ch. 28 & 1346
29	Plumbing systems Ch. 29 & 4714
30	Elevators Ch. 30 & 1307
31	Special Construction Ch. 31
32	Encroachments into the Public Way Ch. 32
33	Safeguards during construction Ch. 33
34	Industrialized Modular buildings 1361
35	MN. Guide to Health Care Facilities - download and study the MN. Fire Marshal Guide
36	Public Buildings and State Licensed Facilities MR. Ch. 1302