HAND CREW

DESCRIPTION	The Hand Crew conducts wildland fire operations in the wildland fire environment consisting of topography, fuel, and air mass
RESOURCE CATEGORY	Fire/Hazardous Materials
RESOURCE KIND	Crew
OVERALL FUNCTION	The Hand Crew: 1. Constructs fire lines with hand tools and chainsaws 2. Burns out areas using drip torches and other firing devices 3. Mops-up and rehabilitates of burned areas 4. Performs other duties as appropriate such as road clearing
COMPOSITION AND ORDERING SPECIFICATIONS	1. Discuss logistics for deploying this team, such as working conditions, length of deployment, security, lodging, transportation, and meals, prior to deployment 2. Discuss the number of hours the crew can operate and the number of operation days prior to deployment

Each type of resource builds on the qualifications of the type below it. For example, Type 1 qualifications include the qualifications in Type 2, plus an increase in capability. Type 1 is the highest qualification level.

COMPONENT	TYPE 1	TYPE 2	TYPE 3	TYPE 4	NOTES
CAPABILITY PER CREW	Initial attack can be broken up into squads, fire line construction, and complex firing operations (backfire)	Initial attack can be broken up into squads, fire line construction, and firing to include burnout	Initial attack (IA), fire line construction, and firing as directed	Monitoring, fire line construction, and firing to include burnout	1. The Type 2 Hand Crew corresponds to the National Wildfire Coordinating Group (NWCG) Type 2 IA Hand Crew 2. The Type 3 Hand Crew corresponds to the NWCG Type 2 Hand Crew 3. The Type 3 Hand Crew corresponds to the NWCG Type 2 Wildland Fire Module
MINIMUM PERSONNEL PER CREW	20 - 25	Same as Type 3	18 - 20	7 - 10	Not Specified
MANAGEMENT AND OVERSIGHT PERSONNEL PER CREW	1 - Superintendent: Task Force Leader (TFLD), ICT4, FIRB 1 - Assistant Superintendent: Strike Team Leader Crew (STCR), ICT4 3 - Squad Bosses: CRWB, ICT5 2 - Senior Firefighters	1 - CRWB 3 - ICT5	1 - CRWB 3 - Firefighter Type 1	1 - Crew Boss (CRWB) 1 - Incident Commander Type 5 (ICT5) 1 - Firing Boss (FIRB)	Not Specified
SUPPORT PERSONNEL PER CREW	13 - 18 Firefighters	Same as Type 3	14 - 16 Firefighters	4 - 7 Firefighters	Not Specified

COMPONENT	TYPE 1	TYPE 2	TYPE 3	TYPE 4	NOTES
PERSONNEL FULL-TIME ORGANIZED CREW	Same as Type 4	Same as Type 3	No	Yes	Not Specified
PERSONNEL EXPERIENCE PER CREW	80 percent of the team has one season or more of experience	Same as Type 3	20 percent of the team has one fire season or more experience	60 percent of the team has one fire season or more experience	Not Specified
PERSONNEL PROTECTIVE EQUIPMENT (PPE) PER CREW MEMBER	Same as Type 2	Same as Type 3	Same as Type 4	PPE is mission specific and may include, but is not limited to: 1. Fire resistant hardhat 2. Fire resistant shirt/pants 3. 8-inch leather boots 4. Leather gloves 5. Fire shelter 6. Hearing and eye protection	Not Specified
COMMUNICATIONS EQUIPMENT PER CREW	Same as Type 2, PLUS: 4 - Short range hand-held two-way portable radios, cell phones or satellite phones	Same as Type 3	Same as Type 4	4 - Short range hand-held two-way portable radios, cell phones or satellite phones	Not Specified
SAWYERS	2 - Faller Type 2 2 - Faller Type 3	1 - Faller Type 2 2 - Faller Type 3	Not Specified	1 - Faller Type 3	Not Specified

NOTES

Nationally typed resources represent the minimum criteria for the associated component and capability.

REFERENCES

1. FEMA, NIMS 509: Wildland Firefighter
2. FEMA, National Incident Management System (NIMS), October 2017
3. FEMA, NIMS Guideline for the National Qualification System, November 2017
4. FEMA, National Response Framework, October 2019
5. National Fire Protection Association (NFPA) 1051: Standard for Wildland Firefighter Qualification, 2020
6. NFPA 1977: Standard on Protective Clothing and Equipment for Wildland Fire Fighting and Urban Interface Fire Fighting, 2022
7. National Interagency Fire Center, Standards for Interagency Hotshot Crew Operations, 2016
8. Interagency Standards for Fire and Fire Aviation Operations, January 2022
9. NWCG 310-1 Standards for Wildland Fire Position Qualifications, 2019