

# Buildings Under Construction 2018/19



## Data & Information Department

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Author: KR

Data and Information Audit	
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## Contents

1	Nature of Request .....	4
2	Response .....	4

## 1 Nature of Request

I'd like to please request statistics for: -

- The number of fires in the construction industry (buildings under construction) in 2018/19.
- The number of fires caused by hot works in the construction industry in 2018/19.
- The main causes of hot works incidents in the construction industry.
- The number of injuries and fatalities caused by hot work incidents in the construction industry.

## 2 Response

The following information was taken from Tyne and Wear Fire and Rescue Service (TWFRS) Incident Recording System (IRS) on the 24<sup>th</sup> June 2020 and relates to the number of fires in buildings under construction from 1<sup>st</sup> April 2018 and the 31<sup>st</sup> March 2019.

### 2.1 *The number of fires in the construction industry (buildings under construction) in 2018/19.*

There were 13 fires in buildings under construction during 2018/19.

### 2.2 *The number of fires caused by hot works in the construction industry in 2018/19/the main causes of hot works incidents in the construction industry.*

Hot works is not a category in the IRS, please see below for table containing main cause of fire and the ignition source for the 13 fires.

Main Cause	Source of Ignition	13
<b>Careless handling - due to careless disposal</b>		<b>2</b>
	Smoking related - Smoking materials	2
<b>Combustible articles too close to heat source (or fire)</b>		<b>3</b>
	Heating equipment - Heating/Fire	1
	Spread from secondary fire - Spread from secondary fire	2
<b>Faulty fuel supply - electricity</b>		<b>1</b>
	Electricity supply - Wiring, cabling, plugs	1
<b>Heat source and combustibles brought together deliberately</b>		<b>5</b>
	Naked flame - Lighted paper or card, or other naked flame	1
	Not known	2
	Spread from secondary fire - Spread from secondary fire	2
<b>Negligent use of equipment or appliance (heat source)</b>		<b>1</b>
	Industrial equipment - Welding/Cutting equipment	1
<b>Other intentional burning, going out of control</b>		<b>1</b>
	Spread from secondary fire - Spread from secondary fire	1
<b>Total</b>		<b>13</b>

2.3 *The number of injuries and fatalities caused by hot work incidents in the construction industry.*

There were no fatalities or injuries in any of the 13 fires.