



**NASC**

NATIONAL ACCESS AND  
SCAFFOLDING CONFEDERATION

**2017**

MAINTAINING HIGH STANDARDS IN SCAFFOLDING

**SAFETY REPORT**



REGULATED

# NASC

Our 230+ contracting members are audited to exacting standards and adhere to strict membership requirements.

**NASC:** Regulated, Compliant, Qualified, Expert, Professional, Safe.

[www.nasc.org.uk](http://www.nasc.org.uk)

NASC

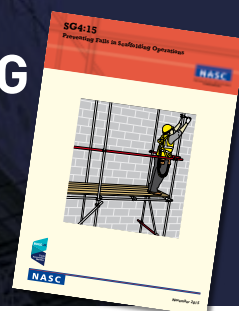
## HAVE YOU GOT YOUR TG20:13 YET?

NASC recommends all scaffold structures should be supported by a **TG20:13** compliance sheet or a bespoke scaffold design.



## SG4:15 PREVENTING FALLS IN SCAFFOLDING OPERATIONS

NASC Core Safety Guidance. Supported by HSE and Build UK principal contractors.



## THE SCAFFOLDING SECTOR KEEPS MOVING FORWARD... KEEP UP! WITH **CISRS CPD**

From 1st July 2017 there will be a mandatory requirement to attend a two day CISRS CPD training course prior to Scaffolder or Advanced Scaffolder card renewal

For further information go to:

[www.cisrs.org.uk](http://www.cisrs.org.uk)

**CISRS**  
CONSTRUCTION INDUSTRY  
SCAFFOLDERS RECORD SCHEME

# PRESIDENT'S WELCOME



Once again the NASC has published its highly regarded Annual Safety Report documenting and analysing accident and injury statistics from all NASC full contracting member companies in 2016. Representing more than 17,000 UK scaffolding operatives it constitutes a substantial percentage of the UK scaffolding workforce. Currently full membership of the NASC is at an all-time high of 235 with a projected figure of 250 by the end of this year.

For the fourth year running, the NASC membership has reported a fatality free year with the incident rate almost half what it was five years ago. In contrast there has been a 14% rise in the number of NASC member operatives in the period. The report reveals the lowest incidence and frequency rates recorded by NASC full contracting member companies. Safety guidance, in particular SG6:15 – Manual Handling in the Scaffolding Industry, has played a major role in decreasing these injuries by 16 percent in just one year.

For the twelfth consecutive year slips, trips and falls were the major cause of accidents representing a third of all reported injuries. Whilst there was a marginal reduction in 2015, this is a real issue for the scaffolding industry and something we are investigating in an attempt to reverse the trend.

The 24 page report features:-

- Injuries and fatalities to operatives, members of the public and third parties,
- Accident causes and types,
- Detailed analysis of accidents and incidents,
- Comparison of HSE/NASC accidents statistics,
- What the NASC does to support safe scaffolding practice.

The report highlights how successful our members have been in reducing accidents by complying with industry safety standards and adhering to NASC guidance.

The fact that there has been another marked reduction in accident statistics despite the increase in membership clearly shows what the confederation does for its members by producing quality safety and technical guidance. By reducing accidents and injuries year on year it ensures that our scaffolders go home safely to their families week in week out.

Training is key to further reductions in accidents within the scaffolding industry and I am pleased to report that the Construction Industry Scaffolders Record Scheme (CISRS) is launching their Continuing Professional Development (CPD) training programme later this year. This

will see all scaffold operatives being required to attend a CPD course prior to renewing their card over the next five years. The two day course represents value for money for our members and brings operatives training up to speed with current legislation and guidance introduced over the last decade. CPD training will be delivered through independent accredited training organisations within the industry.

Lastly I would like to pay tribute to everyone involved in producing this important document from the members who return their accident statistics to the NASC staff employed in producing the report. My special appreciation to all the NASC committees involved, in particular the Health and Safety committee chaired by Adrian Rooney and the Technical committee chaired by James Attridge. Members of these committees give their time freely. Without their input and expertise we would not be able to produce such excellent guidance for all who work in the scaffolding industry.

A handwritten signature in black ink, appearing to read 'Alan Lilley'.

Alan Lilley, NASC President





# WHAT IS THE NASC DOING TO DRIVE UP SAFETY STANDARDS?

Founded in 1945, the NASC and its 230+ full members set the standard in scaffolding safety in the UK. Few trade associations can claim to have achieved so much. The NASC produces industry guidance that is accepted as a benchmark for the scaffolding sector and is supported by HSE, Build UK, CITB & CIRS. For example, TG20:13 Good Practice Guide for Tube & Fitting Scaffolding & SG4:15 Preventing Falls in Scaffolding Operations. For a current list of NASC guidance, visit: [www.nasc.org.uk](http://www.nasc.org.uk)



The NASC's Health and Safety Committee is comprised of 18 highly experienced industry professionals, drawn from its membership and outside agencies with support and guidance from the HSE and Build UK.

Output from the group has been and continues to be prolific – never more so than in recent years, with the core safety guidance publication SG4:15 'Preventing Falls in Scaffolding Operations' being the industry standard.

Such safety guidance noticeably enhances industry best practice for working at height, especially in relation to fall prevention and safety within the scaffolding sector. This is proved by the statistics in the Safety Report – showing a 50% reduction in accidents in the past five years, despite a significant rise in NASC contracting members and increasing numbers of scaffolders.

Slips, Trips and Falls remain the major cause of injury within the scaffolding industry and this is the No.1 focus for the Health and Safety Committee in 2017-2018.

The confederation expects the highest possible standards with regard to health and safety from its independently audited membership.

#### How to find NASC member companies:

Current members are listed under 'Find a Member' on the NASC website, where you can search by company name, postcode/town or county.

#### Want to know more about the NASC?

The NASC website carries detailed information on the NASC – including membership criteria, a complete list of current NASC technical and safety guidance (in the online shop), training tools, video, links, scaffolding terms, the latest news items and much more.

#### & Join NASC Social Media platforms

Like the NASC Facebook page and follow us on Twitter:

 [NASCscaffolding](https://www.facebook.com/NASCscaffolding)  
 [@NASCscaffolding](https://twitter.com/NASCscaffolding)

**Website:**  
[www.nasc.org.uk](http://www.nasc.org.uk)



# COMPARISON OF NASC/HSE ACCIDENT STATISTICS

## Comparison of NASC Accident and Construction Industry Statistics supplied by the HSE

	2007/08			2008/09			2009/10			2010/11			
	Fatal Injury	Major Injury	Over 3 day	Fatal Injury	Major Injury	Over 3 day	Fatal Injury	Major Injury	Over 3 day	Fatal Injury	Major Injury	Over 3 day	Fatal Injury

### Statistics derived from the NASC annual returns of reportable accidents

Number of NASC Operatives	14029			13670			13124			14686			
NASC	0	49	125	0	66	105	0	41	98	0	28	93	

### Construction industry statistics provided by HSE from RIDDOR reports

Construction Industry General Statistics	72	4415	8188	53	3913	7351	42	2585	5651	50	2298	4764	4
Scaffolding Industry Fatalities Total	2	n/a	n/a	4	202	280	0	150	244	2	116	197	

**Note:** The general construction statistics and the scaffolding fatalities include all those reported by NASC members. The NASC reporting period runs from January - December. The HSE reporting period runs from April - March. Changes in requirements now mean that separate figures for non NASC members are no longer available from 2013/14 and are simply added to the construction figure.



Since 2005 the NASC has been comparing its member companies' accident statistics with those produced by the HSE for construction industry accidents in general.

The table below gives an overview of reportable accident statistics recorded by NASC full contracting members, which is a requirement of NASC membership, and the overall construction industry statistics compiled by the HSE from the RIDDOR reports they receive.

The table also identifies any scaffolder related fatalities that have been reported by its members over the last 10 years – zero again in 2016, for the fourth consecutive year.

In line with HSE reporting procedures, NASC Safety Reports are based on 7-day reporting.

2011/12			2012/13				2013/14			2014/15			2015/16			2016/17		
Fatal Injury	Major Injury	Over 3 day	Fatal Injury	Major Injury	Over 3 day	Over 7 day	Fatal Injury	Major Injury	Over 7 day	Fatal Injury	Major Injury	Over 7 day	Fatal Injury	Major Injury	Over 7 day	Fatal Injury	Major Injury	Over 7 day
13716			14098				13749			14988			14954			17005		
0	34	111	1	27	106	67	0	30	66	0	36	69	0	33	63	0	27	69
49	2230	5391	39	1913	n/a	3133	42	1900	3293	35	1833	3581	43	*	*	*	*	*
3	117	223	1	136	n/a	139												

\* indicates figures not available.



# FATALITIES & INJURIES TO OPERATIVES

As part of the NASC membership criteria, every member has to complete an annual accident return form. This Safety Report is based on factual information reported by all full contracting members of the National Access and Scaffolding Confederation in 2016.

## FATALITIES TO OPERATIVES

There were no fatalities reported by the NASC membership during 2016.

This is the fourth year running that the NASC's contracting membership has reported no fatalities to their scaffolding operatives.

## INJURIES TO OPERATIVES

The number of accidents reported by NASC members for 2016 is based on 7-day reporting.

Comparing 2016 data with 2015 shows that the number of incidents has remained stable at 96.

The total number of operatives working within the membership has increased significantly this year – from 14,954 to 17,005 which is an increase of 14%.

The number of NASC full contracting members has also increased this year from 199 to 211. Membership in 2016 is

at an all-time high. And all full contracting member companies fulfilled their membership requirement by returning accident data for incorporation to the 2017 Safety Report.

The incidence and frequency rates for 2016 have reduced this year to 5.65 and 0.28 respectively. These are the lowest figures recorded.

NASC members are fully committed to improving their operatives' working environment – securing a safer and healthier scaffolding industry. Please refer to **Table 1**.



**TABLE 1: NASC Accident Figures – Yearly Summary**

Year	Number of Companies	Number of Operatives	Incidents	Incidence Rate	Frequency Rate	Fatalities	Fatal Incidence Rate
1976	36	6286	568	90.36	4.52	0	0.00
1977	36	6772	700	103.37	5.17	2	0.29
1978	40	7244	596	82.27	4.11	2	0.27
1979	44	8510	655	76.97	3.85	3	0.35
1980	46	8160	532	65.20	3.26	3	0.36
1981	50	7513	496	66.02	3.30	4	0.53
1982	41	6833	546	79.91	4.00	0	0.00
1983	46	6809	480	70.49	3.52	3	0.44
1984	44	5930	421	70.99	3.55	1	0.16
1985	45	5420	423	78.04	3.90	3	0.55
1986	45	6840	523	76.46	3.82	3	0.43
1987	47	6842	497	72.65	3.63	2	0.29
1988	47	8094	576	71.16	3.56	1	0.12
1989	40	7640	550	71.99	3.60	0	0.00
1990	29	8435	447	52.99	2.65	2	0.23
1991	53	7090	530	74.75	3.74	1	0.14
1992	54	6603	283	42.86	2.14	1	0.15
1993	62	6321	283	44.77	2.24	1	0.15
1994	70	7520	264	35.11	1.76	1	0.13
1995	71	7525	267	35.49	1.77	1	0.13
1996	68	6816	248	36.38	1.82	1	0.14
1997	87	8943	330	36.90	1.85	2	0.22
1998	81	7871	232	29.48	1.47	0	0.00
1999	105	10679	258	24.16	1.21	0	0.00
2000	110	10779	253	23.47	1.17	1	0.09
2001	119	11950	243	20.3	1.017	2	0.17
2002	122	10721	189	17.63	0.88	1	0.09
2003	125	11810	197	16.68	0.83	1	0.084
2004	138	10499	198	18.86	0.94	1	0.095
2005	145	11238	213	18.95	0.95	0	0.00
2006	148	11994	169	14.09	0.70	0	0.00
2007	152	14029	174	12.40	0.62	0	0.00
2008	174	13760	170	12.35	0.62	0	0.00
2009	201	13124	139	10.59	0.53	0	0.00
2010	201	14686	121	8.24	0.41	0	0.00
2011	201	13716	145	10.57	0.53	0	0.00
2012	201	14098	134	9.5 [6.7]	0.48 [0.34]	1	0.07
2013	200	13749	96	6.98	0.35	0	0.00
2014	202	14988	105	7.01	0.35	0	0.00
2015	199	14954	96	6.42	0.32	0	0.00
<b>2016</b>	<b>211</b>	<b>17005</b>	<b>96</b>	<b>5.65</b>	<b>0.28</b>	<b>0</b>	<b>0.00</b>

Method of Calculation:

**INCIDENCE RATE =**

$$\frac{\text{No. of reported accidents} \times 1000}{\text{Average No. of Operatives}}$$
**FREQUENCY RATE =**

$$\frac{\text{No. of reported accidents} \times 100,000}{\text{Average No. of hours worked}}$$

# CAUSES OF ACCIDENTS TO OPERATIVES

Many employers do not give slips and trips the priority they deserve and they are often considered as being outside of their control, inevitable or the fault of the employee.

Falls from scaffolds/working platforms and ladders have stayed comparatively stable, with an increase from 5 to 6 (falls from scaffolds/working platforms) and a decrease of 6 to 5 (falls from ladders) compared with 2015. There was 1 fall from a vehicle. Overall there was a total increase in falls involving 9 more operatives this year compared with 2015 and the Health & Safety Committee will seek to target this trend.

Manual handling injuries have shown a reduction this year –from 22 in 2015 to 19 in 2016, **a decrease of 16%**. It is important for industry to understand the significance of manual handling correctly in a safe manner and they should make themselves aware of the updated NASC guidance SG6:15.

As this report shows, the majority of manual handling accidents reported this year were Fractures to the Hands, Fingers & Wrists and to the Feet, Toes & Ankles.

In 2016 falls from height have increased to 26 up 9 falls on the previous year. We will analyse, in detail, this element to ensure that control is maintained and that guidance is still valid.

The 2016 statistics shown in **Table 4** also show that the highest fall of an operative falling from a scaffold or working platform was 9m.

The number of falls reported from scaffolds/working platforms at or above 4m was 1 and there were 5 falls from scaffolds/working platforms under 4m.

This year there were **no reported falls** from a scaffold/working platform where the fall was arrested by a lanyard or other safety harness.

The major cause of injury to scaffolders during 2016 continues to be Slips, Trips and Falls (STF) on the same level.

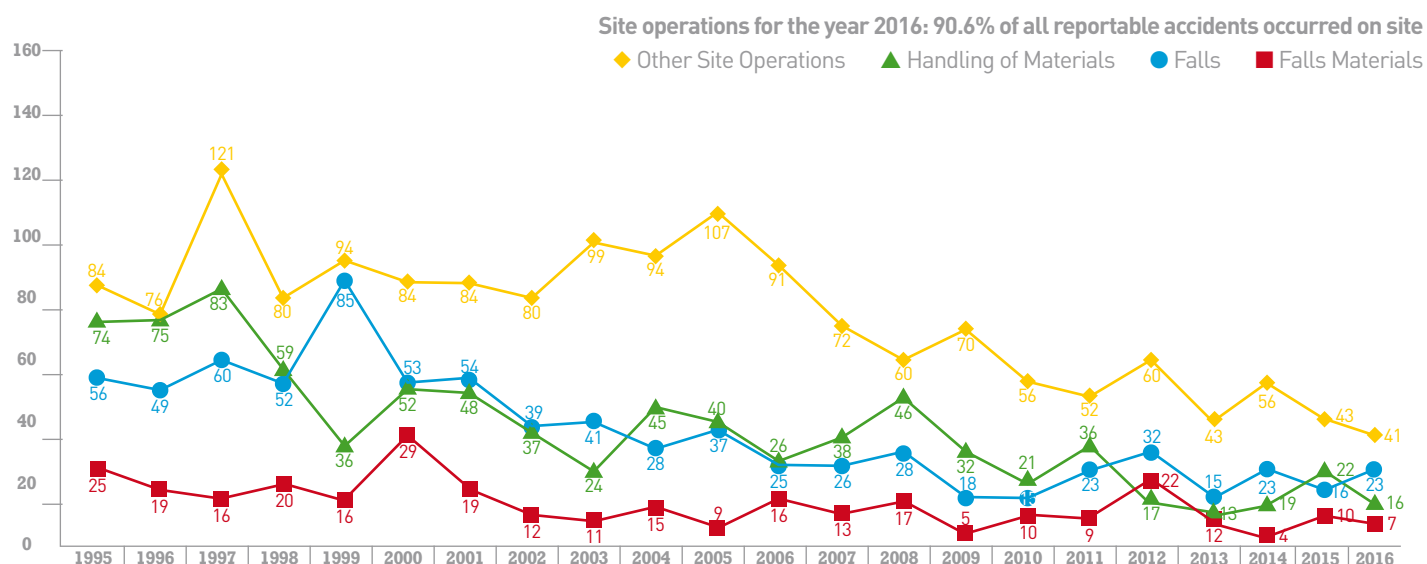
Although this figure has reduced this year, it is the 13th consecutive year that STF accidents have been the major cause of injury. And STF amounted to just over 33% of all injuries reported this year.

As in nearly all other sectors of the industry, falls from height attract the most attention – but it is Slips, Trips and Falls on the same level that have been identified as the most common cause of injury in scaffolding.

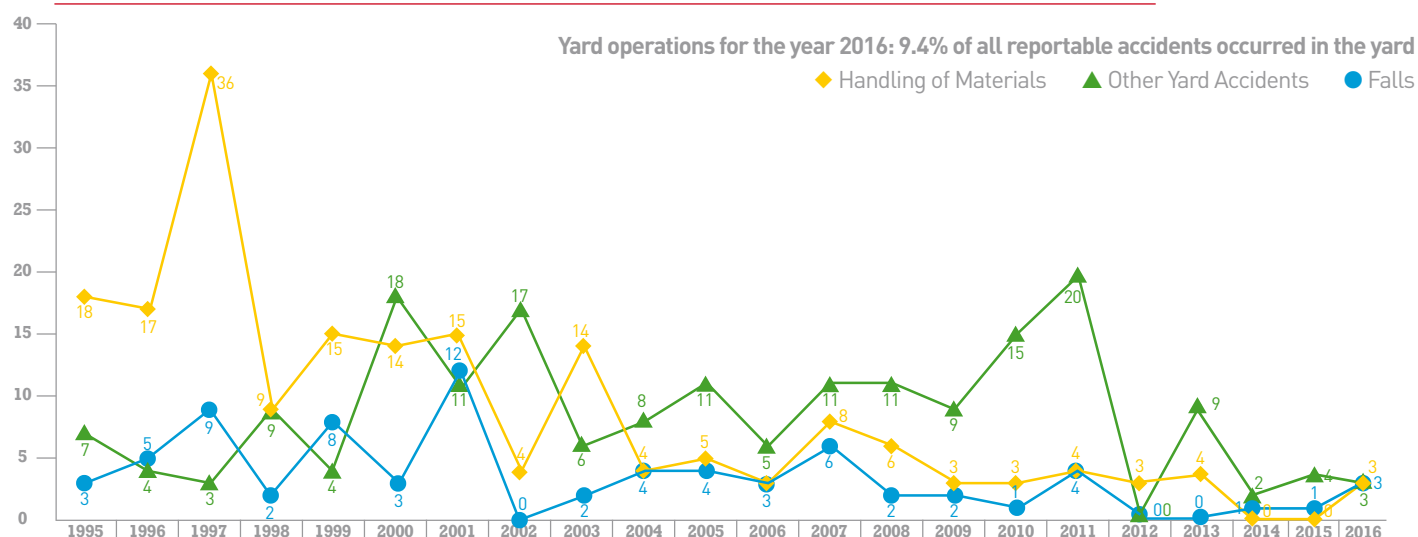
They occur in almost all workplaces and can result in serious injury – including broken bones. Slips and trips can also be the initial cause of a range of other accident types such as falls from height.

Employers have a legal responsibility to provide their employees with a safe place of work – even if it is on someone else's site.

**TABLE 2.1: NASC Accident Figures – Causes of Accidents to Site Operatives**





**TABLE 2.2: NASC Accident Figures – Causes of Accidents to Yard Operatives**

**TABLE 3: NASC Accident Figures – Causes of Accidents to Members of the public, 3rd Parties and Operatives**

	Members of the public				3rd Party Injuries				Operatives Injuries			
	Fatal	Major	7 Day	Total	Fatal	Major	7 Day	Total	Fatal	Major	7 Day	Total
<b>FALLS</b>												
Scaffolding structures							1	1		1	2	3
Working platform, gangway, trestles										2	1	3
Cradles, boatswains chairs etc												
Ladders							1	1		3	2	5
Hoists during erection or dismantling												
Collapse of scaffold												
Failure/collapse of cradle, boatswains chair												
Breakage i.e. displacement boards												
Falls in yard											1	1
Other (from walls, roofs, rope, lorry)							2	2		8	6	14
<b>SUB TOTAL</b>								4		14	12	26
<b>FALLS OF MATERIAL</b>												
From scaffold											3	3
From platforms										1		1
From cradles, boatswains chairs etc												
From hoists during dismantling												
Due to collapse of scaffold												
Other falls of materials										1	3	4
<b>SUB TOTAL</b>										2	6	8
<b>HANDLING OF MATERIALS</b>												
On site										3	13	16
In Yard										1	2	3
<b>SUB TOTAL</b>										4	15	19
<b>OTHER SITE ACCIDENTS</b>												
Falls on the level						1		1		6	26	32
Stepping or striking against												
Other causes (eye injury, electric shock, RTA)							1	1			7	7
Work equipment										1	3	4
<b>SUB TOTAL</b>								2		7	36	43
<b>OTHER YARD ACCIDENTS</b>												
Other yard accidents												
<b>SUB TOTAL</b>												
<b>TOTAL</b>								6		27	69	96



# ANALYSIS OF ACCIDENTS

Looking in detail at the relationship between individually reported accidents and the demographic and skill level of the scaffolder in comparison to previous year's statistics is vital for learning and modifying safety teaching/guidance notes to improve safety standards.

As part of the NASC's analysis of the accident statistics, the review takes account of the relationship between individual groups of scaffolders and operatives based on the age groups of scaffolders/operatives, the age range of the scaffolder/operative and the grade of the scaffolder/operative.

These figures are then compared with statistics reported in 2015.

**Table 4** details the analysis of the accidents reported to operatives broken down by age, grade of scaffolder and type of accident.

The NASC has identified that when

accidents are broken down by age group, the highest number of accidents occurred in the 31– 40 age group = 32 (31%).

This was followed by the 21– 30 age group = 25 (27%), highest last year with 42 (44%).

The third demographic most likely to have an accident are those 51–60 = 18 (20%), with the 41– 50 age group reporting 12 (13%), those 16–20 having 5 (5%) and those 61+ at 4 (4%).

In age ranges 16 – 40, Slips, Trips and Falls on the same level were the major cause of accidents (23), followed by

manual handling (14), falls from height (14), falls of materials (5), work equipment (2) and others (6).

In the 41+ age groups, falls from height (12), were the major cause of accidents followed by manual handling (10), Slips, Trips and Falls on the same level (9) falls of materials (3) and others (3).

Slips, Trips and Falls remain the major cause of injuries.



**TABLE 4: Operatives by Age, Grade of Scaffolder and Type of Accident**

		Falls										Fall Materials				MHO		WE		Elec		Fire		HS		STF		Other		Total 7 days
		SC/WP		Cradle		Ladder		Yard		Other		Scaff		Other																
Age	Grade	MI	7d	MI	7d	MI	7d	MI	7d	MI	7d	MI	7d	MI	7d	MI	7d	MI	7d	MI	7d	MI	7d	MI	7d	MI	7d	MI	7d	
16-20	Manager																													
	Supervisor																													
	Advanced																													
	Scaffolder														1														1	
	Trainee														1										1				2	
	Labourer												1											1					2	
	Driver																													
21-30	Manager																													
	Supervisor									1																			1	
	Advanced													1		5								1	1				12	
	Scaffolder		1							2	1			1		1									1	1			6	
	Trainee														1										4		1		5	
	Labourer												1		1										2		1		1	
	Driver																							1					1	
31-40	Manager																													
	Supervisor																													
	Advanced					1				1														1	2		1		6	
	Scaffolder	1				1	1			2			1		1	1		1					1	2	5				17	
	Trainee		1							1					1										1				4	
	Labourer													1	1			1							1				4	
	Driver														1											1			1	
41-50	Manager																													
	Supervisor																													
	Advanced									1		1																	2	
	Scaffolder													1		1									3		1		6	
	Trainee																							1					1	
	Labourer	1	1								1																		3	
	Driver																													
51-60	Manager																													
	Supervisor																										1		1	
	Advanced																													
	Scaffolder					1		1	1	1	1				1	2								1	3		1		13	
	Trainee																													
	Labourer									1															1				2	
	Driver															1	1												2	
61+	Manager																													
	Supervisor																													
	Advanced																													
	Scaffolder	1				1																							2	
	Trainee																													
	Labourer																1												1	
	Driver									1																			1	
TOTALS		3	3	0	0	3	2	0	1	7	7	1	3	1	3	4	15	2	2	0	0	0	0	0	1	8	24	0	6	96
		26										8				19		4		0		0		1		32		6		96

Total number of Falls from height (Operatives)	26
Highest Reported Fall	9m
Number of Falls from Scaffolds/Working Platforms (SC/WP)	6
Number of Falls under 4m (SC/WP)	5
Number of Falls at 4m or above (SC/WP)	1
Number of Falls from Ladders	5
Number of Reported Falls from Scaffolds Arrested by Safety Harness	1

**Key**
**MI** = Major Injury

**7d** = Over 7 Day Injury

**SC/WP** = Scaffolds & Working Platforms

**MHO** = Manual Handling Operations

**WE** = Work Equipment

**Elec** = Electrical Injury

**HS** = Harmful Substance

**STF** = Slips, Trips & Falls on the same level



# INJURIES TO THIRD PARTIES & MEMBERS OF THE PUBLIC

Each year the NASC identifies all accidents/injuries that relate to third parties (non-scaffolding trades working on the same sites) or to members of the general public.

## INJURIES TO THIRD PARTIES & MEMBERS OF THE PUBLIC

Since 2002, NASC members have been asked to differentiate between accidents involving third parties or members of the public as part of their reporting procedures.

In 2016, there were 6 incidents reported for injuries to third parties – relating to falls from Scaffolds and Working Platforms, ladders and in the yard, plus 1 classified as other.

There were 0 incidents reported for injuries to members of the public by NASC member company scaffolds.

## FREQUENCY OF ACCIDENTS IN DIFFERENT SIZED COMPANIES

As part of their reporting process, the NASC also identifies the total number of accidents reported – relative to the size of the individual companies.

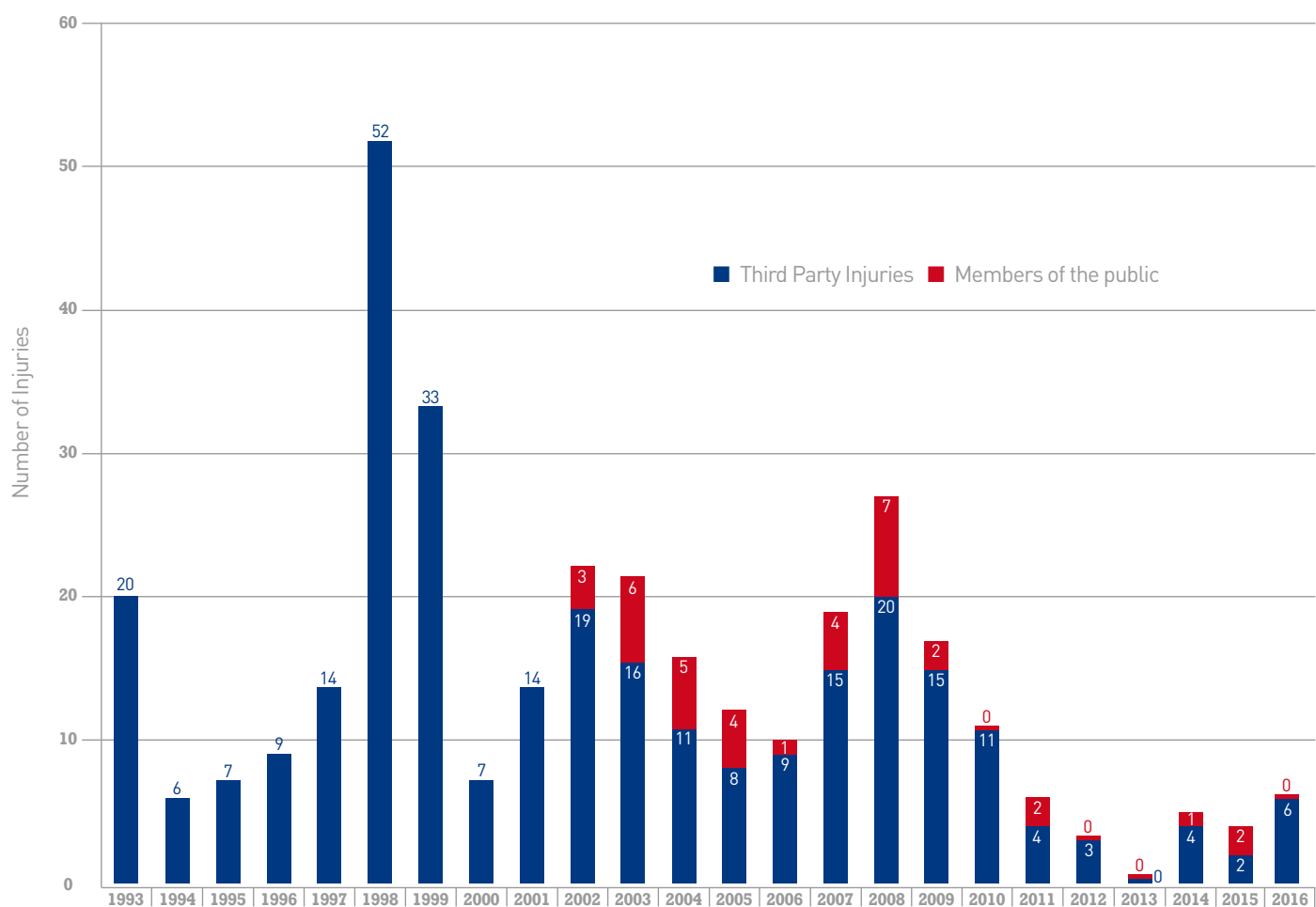
**Table 6** indicates the experience of different sized firms (for their own scaffolding operatives), using standard incidence measurement systems.

In addition to the requirement to do so for this report, the NASC suggests that companies should measure their own incidence rate and then compare it with the figures for similar sized companies and the average for all firms in the industry.

It is an NASC priority to make sure that members of the public, third party contractors and scaffolding operatives – indeed anyone who comes into contact with scaffolding – should be as safe as possible.



**Table 5:** Accident Figures - Third Parties and Members of the Public



**Table 6:** Frequency of Accidents in Different Sized Companies

Company Size	Number of Companies Employing						All company Employees	All company Sub Contractors	All company Total	Number of Accidents to Workers	Incidence Rate	Frequency Rate	Fatal Accidents	Frequency Rate of Fatal Accidents	Dangerous Occurrences	Arrested by Safety Harnesses	Accidents to members of the Public	Number of accidents - 3rd parties	Total number of days absent	RIDDOR Diseases
	1 - 20	21 - 50	51-100	101-200	201-1000	1001+														
1 - 20 (Very Small)	45						532	28	560	6	10.71	0.05	0	0.00	0	0	0	0	0	0
21 - 50 (Small)		87					2717	75	2792	28	10.03	0.05	0	0.00	0	0	0	1	0	0
51- 100 (Small - Medium)			49				3318	157	3475	31	8.92	0.04	0	0.00	0	1	0	4	0	0
101 - 200 (Medium)				17			2233	69	2302	9	3.91	0.02	0	0.00	0	0	0	1	0	0
201 - 1000 (Medium - Large)					10		3706	126	3832	12	3.13	0.02	0	0.00	0	0	0	0	0	0
1001+ (Large)						3	3994	50	4044	10	2.47	0.01	0	0.00	0	0	0	0	0	0
<b>TOTAL</b>							<b>16500</b>	<b>505</b>	<b>17005</b>	<b>96</b>	<b>5.65</b>	<b>0.28</b>	<b>0</b>	<b>0.00</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>6</b>	<b>0</b>	<b>0</b>



# ANALYSIS OF INJURIES TO OPERATIVES

The following gives an analysis of all the injuries reported, identifying the type of injury sustained and part of the body affected. It also gives an account of the type of accident compared with the most common injury or most common part of the body injured.

**Table 7** shows the types of injuries sustained by scaffolding operatives throughout 2016.

The most common injuries suffered by operatives were injuries to the Hands Fingers & Wrists (H, F & W), followed by injuries to the Feet, Toes & Ankles (F, T & A), injuries to the Leg, Hip & Groin (L, H & G), injuries to the Ribs, Chest, Stomach and Multiple Injuries.

Injuries to the H, F & W amounted to 33 (34%), to the F, T & A 22 (22%), to the Leg, Hip & Groin 8 (8%), to the Rib, Chest & Stomach 7 (7%), multi-

ple injuries 7 (7%), to the Arm 6 (6%), and injuries to the Face 1 (1%), Neck & Shoulder all at 6 (6%). to the Back 4 (4%), to the Head 1 (1%), Eyes were 0.

Fractures, Sprains, Strains, Bruising and Cuts and were the most common forms of injury with 49 (51%), 10 (10%), 4 (4%), 7 (7%) and 7 (7%) respectively, followed by Others 6 (6%), Dislocation 3 (3%), Lacerations 1 (1%), and Abrasion 0 (0%).

These types of injury followed a similar pattern to those recorded in 2015 where fractures were also the most common injury recorded.

Overall the most commonly reported injuries were Fractures of the Hand Finger & Wrist 21, Fractures of the Feet, Toes & Ankles 12 and followed by Sprains to Feet, Toes & Ankles 7, Cuts to the Hands, Fingers & Wrists 6, Multiple Fractures 3, Fractures to the Leg, Hip & Groin 3.

**Table 7** is subdivided into six separate tables, **7.1 to 7.6**

These tables identify the different types of accident (Falls from Height, Falling Materials, Manual Handling, Slips, Trips and Falls, and others) that occurred during 2016.

Type of Accident	Most Common Part of the Body Injured	Most Common Type of Injury	Most Common Overall Injury
Falls from height	F, T & A, Hands, Fingers & Wrists	Fracture	Fracture - Hands, Fingers & Wrists
Falling Materials	Hands, Fingers & Wrists	Fracture	Fracture - Hands, Fingers & Wrists
Manual Handling	Hands, Fingers & Wrists	Fracture	Fracture - Hands, Fingers & Wrists
Slips, Trips & Falls	F, T & A, Hands, Fingers & Wrists	Fracture	Fracture - Hands, Fingers & Wrists
Other Accidents	Arms, Hands, Fingers & Wrists	Cut, Fracture	Cut, Fracture - H, F & W - F, T & A



**Table 7.1: All Injuries**

	Eyes	Face	Head	Neck/ Shoulder	Ribs/ Chest/ Stomach	Back	Arm	Hand/ Finger & Wrist	Leg/ Hip/ Groin	Feet/ Toes & Ankles	Multiple	Total	%
Fracture		1		2	2	1	4	21	3	12	3	49	51.04
Amputation								1				1	1.04
Dislocation				1		1			1			3	3.13
Temporary Loss of Sight													
Chemical Burn													
Electrical Burn													
Burn										1		1	1.04
Penetration								1				1	1.04
Unconscious													
Strain				1		2				1		4	4.17
Sprain				1					2	7		10	10.42
Abrasion													
Laceration							1					1	1.04
Cut							1	6				7	7.29
Bruising					4	1		1	1			7	7.29
Multiple				1				1	1	1	2	6	6.25
Other			1		1			2			2	6	6.25
<b>TOTAL</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>6</b>	<b>7</b>	<b>5</b>	<b>6</b>	<b>33</b>	<b>8</b>	<b>22</b>	<b>7</b>	<b>96</b>	
<b>%</b>	<b>0</b>	<b>1.04</b>	<b>1.04</b>	<b>6.25</b>	<b>7.29</b>	<b>5.21</b>	<b>6.25</b>	<b>34.38</b>	<b>8.33</b>	<b>22.92</b>	<b>7.29</b>		<b>100%</b>

**Table 7.2: Falls from Height**

	Eyes	Face	Head	Neck/ Shoulder	Ribs/ Chest/ Stomach	Back	Arm	Hand/ Finger & Wrist	Leg/Hip/ Groin	Feet/Toes & Ankles	Multiple	Total
Fracture				1	1	1	2	4	1	6	2	18
Amputation												
Dislocation									1			1
Temporary Loss of Sight												
Chemical Burn												
Electrical Burn												
Burn												
Penetration												
Unconscious												
Strain				1								1
Sprain				1					1			2
Abrasion												
Laceration												
Cut												
Bruising									1			1
Multiple											2	2
Other								1				1
<b>TOTAL</b>				<b>3</b>	<b>1</b>	<b>1</b>	<b>2</b>	<b>5</b>	<b>4</b>	<b>6</b>	<b>4</b>	<b>26</b>

**Table 7.3: Falling Materials**

	Eyes	Face	Head	Neck/ Shoulder	Ribs/ Chest/ Stomach	Back	Arm	Hand/ Finger & Wrist	Leg/Hip/ Groin	Feet/Toes & Ankles	Multiple	Total
Fracture				1				2				3
Amputation												
Dislocation												
Temporary Loss of Sight												
Chemical Burn												
Electrical Burn												
Burn												
Penetration												
Unconscious												
Strain												
Sprain									1			1
Abrasion												
Laceration							1					1
Cut												
Bruising						1						1
Multiple												
Other			1								1	2
<b>TOTAL</b>			<b>1</b>	<b>1</b>		<b>1</b>	<b>1</b>	<b>2</b>	<b>1</b>		<b>1</b>	<b>8</b>

**Table 7.4: Manual Handling Injuries**

	Eyes	Face	Head	Neck/ Shoulder	Ribs/ Chest/ Stomach	Back	Arm	Hand/ Finger & Wrist	Leg/Hip/ Groin	Feet/Toes & Ankles	Multiple	Total
Fracture								7		1		8
Amputation												
Dislocation						1						1
Temporary Loss of Sight												
Chemical Burn												
Electrical Burn												
Burn												
Penetration								1				1
Unconscious												
Strain						1						1
Sprain												
Abrasion												
Laceration												
Cut								5				5
Bruising					1			1				2
Multiple								1				1
Other												
<b>TOTAL</b>					<b>1</b>	<b>2</b>		<b>15</b>		<b>1</b>		<b>19</b>

**Table 7.5: Slips Trips and Falls**

	Eyes	Face	Head	Neck/ Shoulder	Ribs/ Chest/ Stomach	Back	Arm	Hand/ Finger & Wrist	Leg/Hip/ Groin	Feet/Toes & Ankles	Multiple	Total
Fracture		1			1		1	8	2	5		18
Amputation												
Dislocation												
Temporary Loss of Sight												
Chemical Burn												
Electrical Burn												
Burn												
Penetration												
Unconscious												
Strain						1				1		2
Sprain									1	6		7
Abrasion												
Laceration												
Cut												
Bruising					2							2
Multiple			1						1			2
Other											1	1
<b>TOTAL</b>		<b>1</b>	<b>1</b>		<b>3</b>	<b>1</b>	<b>1</b>	<b>8</b>	<b>4</b>	<b>12</b>	<b>1</b>	<b>32</b>

**Table 7.6: Other causes of Injuries**

	Eyes	Face	Head	Neck/ Shoulder	Ribs/ Chest/ Stomach	Back	Arm	Hand/ Finger & Wrist	Leg/Hip/ Groin	Feet/Toes & Ankles	Multiple	Total
Fracture							1				1	2
Amputation								1				1
Dislocation				1								1
Temporary Loss of Sight												
Chemical Burn												
Electrical Burn												
Burn										1		1
Penetration												
Unconscious												
Strain												
Sprain												
Abrasion												
Laceration												
Cut							1	1				2
Bruising					1							1
Multiple										1		1
Other					1			1				2
<b>TOTAL</b>				<b>1</b>	<b>2</b>		<b>2</b>	<b>3</b>		<b>2</b>	<b>1</b>	<b>11</b>



“While there are still many obstacles to overcome, the NASC remains the driving force for improving health and safety in the scaffolding industry.”

Adrian Rooney, NASC Health & Safety Committee Chair



[WWW.NASC.ORG.UK](http://WWW.NASC.ORG.UK)

# NASC: SUPPORT & GUIDANCE

## NASC

The NASC consistently works with key industry organisations – striving to drive up scaffolding safety standards, recommend good practice and keep ahead of developments in the rapidly evolving construction industry.

Many representatives from these top organisations listed below are members of NASC committees – focusing on particular areas of good practice, including Health & Safety.

Closer ties are constantly being developed with industry organisations. Significantly, links with HSE and Build UK help to mould requirements, and renewed involvement with BSI and CEN and developing links with Europe (through UEG) are essential to the role of the NASC in the UK construction industry.

### NASC CORE SAFETY OBJECTIVES ARE...

- ▶ To have an incident free safety record.
- ▶ To ensure that scaffolders can work safely throughout their career.
- ▶ To enable all scaffolding companies to draw on NASC experience and guidance - raising safety standards across the industry.
- ▶ To continuously audit NASC members to ensure they follow industry guidance and best practice.
- ▶ To update Safety Guidance (SG) & Technical Guidance (TG) on a five year cycle, as a minimum.



BuildUK



Construction Industry  
Scaffolders Record Scheme



Temporary Works Forum





Health and Safety  
Executive



Construction Skills  
Certification Scheme



British Standards  
Institute



Construction Industry  
Training Board



Access Industry Forum



Strategic Forum



Union Europäischer  
Gerüstbaubetriebe

# OUR SPECIAL THANKS TO...

All NASC full contracting members for their assistance with this Safety Report:

## LIST OF CURRENT FULL MEMBERS & FULL NON-CONTRACTING MEMBERS

3 D Scaffolding Ltd  
360 Scaffolding Ltd  
A & J Maintenance Support Ltd  
A&A Scaffolding Plus Eight (2003) Ltd  
AAA Scaffold Ltd  
Abbey Scaffolding (Swindon) Ltd  
Abbi Access Services Ltd  
Access 2 Limited T/A Sandwell Scaffold  
Access Solutions Scaffolding Ltd  
Ace Scaffolding (M/CR) Ltd  
Acorn Scaffolding (Yorkshire) Ltd  
Actavo (UK) Ltd  
Advance Scaffolding (Lancashire) Ltd  
Advanced Scaffolding (Bristol) Ltd  
Airwright (Midlands) Ltd  
Alan Wilks Scaffolding Ltd  
Allen & Foxworthy Ltd  
Allied Scaffolding Ltd  
Alltask Ltd  
Altrad Beaver 84 Ltd  
Altrad MTD Ltd  
Altrad NSG Ltd  
Alustar UK  
Amber Scaffolding Ltd  
Anglesey Scaffolding (Ynys Mon) Company Ltd  
Anglewest Ltd  
APE Scaffolding Ltd  
Apex Scaffolding (Exeter) Ltd  
Apex Scaffolding (Leicester) Ltd  
Archway Services plc  
Arctic Scaffolding Co Ltd  
Artel Scaffolding Ltd  
ASC Edinburgh Ltd  
ASC Scaffolding Ltd  
Ash Scaffolding Ltd  
Ashdurn Ltd  
Ashton Scaffolding Services Ltd  
AT-PAC Limited  
Austins Cradles Ltd  
B & A Scaffolding Ltd  
B J Champion Scaffolding Ltd  
Barnet Scaffolding Services Ltd T/A JDC Scaffolding London  
Bee Jay Scaffolding Ltd  
Benchmark Scaffolding Ltd  
Bilfinger Industrial Services UK Ltd

Blencowe Scaffolding Ltd  
Brand Energy & Infrastructure Services UK, Ltd  
T/A SGB  
Brisko Scaffolding Ltd  
Brogan Group Ltd  
Brunel Scaffolding Ltd  
Bryson Scaffolding Ltd  
BSL (Systems) Ltd  
Burflex (Scaffolding) Ltd  
Cape Industrial Services Ltd  
Carlisle Scaffolding Ltd  
CDM Scaffolding Services (1994) Ltd  
Central Scaffolding (Burton) Ltd  
Central Trades Ltd  
Cheshire Scaffolds Ltd  
Chris Sedgeman Scaffolding Ltd  
City Scaffold Services (Midlands) Ltd  
Combisafe International Ltd  
Commercial Scaffolding Ltd  
Complete Access (Scaffolding) Ltd  
Complete Access Specialist Contracts Ltd  
Connect Scaffolding Ltd  
Connolly Scaffolding Ltd  
Contract Scaffolding Services Ltd  
Controlled Scaffolding Ltd  
Coventry Scaffolding Co (London) Ltd  
Crest Scaffolding Ltd  
Crossway Scaffolding (Elland) Ltd  
CWR Scaffolds Ltd  
D + R Group Plc  
D Ward Scaffolding Co. Ltd  
D. Stewart Scaffolding Ltd  
Denholm Industrial Services Ltd  
Design Scaffolding (Bristol) Ltd  
E A Scaffolding & Systems Ltd  
Elite Scaffolding (South West) Ltd  
Empire Scaffolding (GB) Ltd  
ENJ Scaffolding Ltd  
Euro Scaffolding Services Ltd  
Everup Scaffolding Company Ltd  
Fast Fix Scaffolding Ltd  
Focus Scaffolding Ltd  
Formula Scaffolding Ltd  
Fourways Plant Ltd  
Fred Champion Scaffolding Ltd  
GB Scaffolding (Gainsborough) Ltd  
Generation (UK) Limited  
(T/A Generation Hire & Sale)  
George Roberts (North West) Ltd

Gibby Scaffolding Limited  
Gilray Plant Ltd  
GKR Scaffolding Ltd  
Glamorgan Scaffolding Solutions Ltd  
Globe Scaffolding Ltd  
Gloucester Scaffolding Ltd  
H & H Contract Scaffolding Ltd  
H M Scaffolding Ltd  
H.T. Scaffolding Systems Ltd  
Hadley Scaffolding Ltd  
Haki Ltd  
Hewaswater Scaffolding Ltd  
High Peak Scaffolding Ltd  
Hi-Pro Scaffolding Ltd  
IAS (Dundee) Ltd  
IBN Scaffold Access Ltd  
Ideal Scaffolding (Southern) Ltd  
Independent Scaffolding Services Ltd  
Inspired Scaffolding Services Ltd  
Interlink Scaffolding Ltd  
Interserve Industrial Services Ltd  
IOT Scaffolding Ltd  
J & I Scaffolding Ltd  
J.W. Scaffolding Limited  
James Ingleford Scaffolding Ltd  
JC Beale Scaffolding Ltd  
JFE Attridge Scaffolding Services Co Ltd  
K Scaffolding Ltd  
KAEFER Ltd  
King Scaffolding Ltd  
Kirk Scaffolding Ltd  
Landmark Scaffolding Ltd  
Layher Ltd  
Lenehan Scaffolding (Preston) Ltd  
Lindway Scaffolding Ltd  
LTC Group 87 Ltd  
(T/A LTC Specialist Scaffolding)  
Lyndon Scaffolding plc  
Lysander Scaffolding Ltd  
M & M Scaffolding (Cornwall) Ltd  
M R Scaffolding Services Ltd  
M.R. Scaffolding (Anglia) Ltd  
MACT Scaffolding (London) Ltd  
Magnum Scaffolding (Contracts) Ltd  
Maidstone Scaffolding Ltd  
Malvern Scaffolding Ltd  
Mar Scaffolding (Scotland) Ltd  
McDonald Scaffolding (Services) Ltd  
Mechanical Access Company Ltd



(T/A MAC Scaffolding)  
 MG Scaffolding (Oxford) Ltd  
 Midland & General Scaffolding Ltd  
 Midland Scaffolding Services Ltd  
 Millcroft Services Plc  
 MJD & Sons (Scaffolding) Ltd  
 MK Scaffolding Specialists Ltd  
 MPT Scaffolding Ltd  
 Muehlhan Industrial Services Ltd  
 (TA/ Muehlhan Scaffolding)  
 Narford Scaffolding Ltd  
 Neal Stoneman Scaffolding Ltd  
 Network Scaffolding Contractors Ltd  
 Niall Scaffolders Ltd  
 NJS Scaffolding Ltd  
 Northern 90 Scaffolding Ltd  
 O.K. Scaffolding Ltd  
 Oxford Spires Scaffolding Ltd  
 P.S.S Scaffolding Ltd  
 Palmers Scaffolding UK Ltd  
 Par Scaffolding Ltd  
 Paton Bros. Scaffolding Ltd  
 Pen Mill Scaffolding (Hire & Sales) Ltd  
 PERI Ltd  
 Premier Scaffolding Services Ltd  
 Pro Access Scaffolding Ltd  
 Pro-Fix Access Ltd  
 Q.F.S. Scaffolding Ltd  
 QED Scaffolding Ltd  
 R.E.D Scaffolding Ltd  
 Ray Seager Scaffolding Services Ltd  
 RBS Scaffolding Ltd  
 RDA Scaffolding Ltd  
 Renvac Scaffolding Ltd  
 Rilmac Scaffolding Ltd  
 Rise Scaffold Services Ltd  
 RJS Scaffolding Ltd  
 Rodells Ltd  
 Rotamead Limited  
 Rowland Scaffold Co Ltd  
 RPF Scaffolding Ltd  
 RSEH Ltd  
 (T/A Heywood Scaffolding Services)  
 S & K Scaffolding Ltd  
 S & P Scaffolding Ltd  
 S.G.S. Ltd  
 S.N. Scaffolds LLP  
 S.R.K. Scaffolding Ltd  
 S.Y.S (Scaffolding Contractors) Ltd

Safe Access Scaffolding (Midlands) Ltd  
 Safeway Scaffolding Limited  
 SAY Scaffolding Ltd  
 SCA Group Ltd  
 Scaffold Erection Services Ltd  
 Scaffold IT UK Ltd  
 Scaffold Services Ltd  
 Scaffolding 4 MGB Limited  
 Seabro Ltd  
 Severnside Scaffolding Ltd  
 Silver Star Services Ltd  
 Sky Scaffolding (Midlands) Ltd  
 Sonic Scaffolding 2000 Ltd  
 South Lincolnshire Scaffolding Ltd  
 Speedier Scaffolding Ltd  
 St Helens Plant Ltd  
 Staffordshire Access Scaffolding Ltd  
 Standard Scaffolding Specialists Ltd  
 Stanford Scaffolding Ltd  
 Star Scaffolding Ltd  
 Strathclyde Scaffolding Services Ltd  
 Summit Marine Scaffolding Ltd  
 SW Scaffolding Ltd  
 Swale Scaffolding Ltd  
 Tamworth Scaffolding Company Ltd  
 TBF Scaffolding Ltd  
 Tilson Scaffolding Ltd  
 Tone Scaffolding Services Ltd  
 Tower Scaffolding (South West) Limited  
 TR Scaffolding (Bristol) Ltd  
 TRAD Scaffolding Co. Ltd  
 Trademagic Ltd  
 TTAG Ltd  
 Tubeline Scaffolding Ltd  
 Tubes Scaffolding Ltd  
 Turner Access Ltd  
 UK System Scaffold Hire Ltd  
 UK Access Solutions Ltd  
 Unique Scaffolding Ltd  
 Van Thiel United UK Ltd  
 Viking Scaffold Services Ltd  
 Vision Scaffolding Solutions Ltd  
 Wood Group Industrial Services Ltd  
 XL Scaffolding Ltd

#### **CURRENT NASC INFORMATION MEMBERS:**

48.3 Scaffold Design Ltd  
 Access Design & Safety Ltd  
 Access Training Services Ltd  
 BAM Construct UK Ltd  
 Brady Corporation Ltd T/A Scafftag  
 Buckley Design Solutions Ltd  
 CADS (Computer and Design Services Ltd)  
 Citation  
 CITB  
 Costain Group PLC  
 Faction Health and Safety Group Ltd  
 GW Coote Ltd  
 Highland Temporary Works Ltd  
 Icopal Limited  
 Independent Design House Ltd  
 Independent Site Inspection Services Ltd  
 Kier Professional Services Ltd  
 Morgan Sindall Construction & Infrastructure Ltd  
 Optima Scaffold Designs LLP  
 PB Scaffold Design Ltd  
 PSD (South East) Ltd  
 Raptor Scaffold Design & Consultancy Ltd  
 Safety & Access Ltd  
 Scaftec Ltd  
 Scaffpad Europe Ltd  
 Simian Risk Management Ltd  
 SpanSet (UK) Ltd  
 Spencer Coatings Ltd T/A Meynell Paints  
 StrikeSoft Ltd  
 Training 2000 Ltd  
 Tubular Techniques Ltd  
 Tufcoat Ltd  
 Vinci Construction UK Ltd  
 Wates Construction Ltd  
 West Anglia Training Association Ltd  
 Wildgoose Construction Ltd  
 Willmott Dixon Holdings Ltd  
 Winters Safety Services  
 Zep UK Ltd

**NB: The NASC members listings are correct at time of going to press.**  
**For a current list of NASC full contracting members, please consult the NASC website: [www.nasc.org.uk](http://www.nasc.org.uk)**



# NASC

**NATIONAL ACCESS AND  
SCAFFOLDING CONFEDERATION**



**NASC**

4th Floor  
12 Bridewell Place  
London  
EC4V 6AP

**Tel:** 020 7822 7400

**Fax:** 020 7822 7401

**Email:** [enquiries@nasc.org.uk](mailto:enquiries@nasc.org.uk)

 NASCscaffolding  
 NASCscaffolding

**[www.nasc.org.uk](http://www.nasc.org.uk)**