

Note – if you are not sure, to add a comment, click '**where**' on the document you are making the comment about, click on the '**Review**' tab, then click on the '**New Comment**' option.

Developer's Pack National Occupational Standards for Associated Industrial Services (Construction) Damage Repair & Resurfacing

Project 2018

VR541, VR542, VR543

Comment [AF1]: Title still appropriate?
No comments - YES **LEAVE**

Development Legend

Initial proposals - **Red**

1st Meeting/email feedback – **Green**

2nd Meeting/email feedback – **Blue**

3rd Meeting – **Red underlined**

4th Meeting – **Green underlined**

5th Meeting – **Blue underlined**

Suggestions from other occupational representatives in red italics

July 2018



Contents

	Page no.
Revised NOS:	
VR541 v2 Assess area for repair and resurfacing	1
VR542 v2 Prepare area for repair and resurfacing	10
VR543 v2 Repair and resurface damaged area	15

List of the suite of NOS within Associated Industrial Services

AOR = Accessing Operations and Rigging

CCEO = Construction and Civil Engineering Services

PFP = Passive Fire Protection

WO = Wood Occupations

VR84 v2	Set up and prepare water jetting equipment
VR85 v2	Remove materials/deposits by water jetting
VR86 v2	Cut and break materials by water jetting
VR152 v2	Clean façade surfaces
VR153 v2	Restore façade surfaces
VR250	Erect and dismantle access/working platforms AOR
VR350 v3	Install dry cladding
VR351 v3	Apply intumescent coatings
VR352 v3	Install fire resisting ductwork systems
VR353 v3	Install fire stopping
VR354 v3	Install cavity barriers
VR355 v3	Erect fire resisting walls and linings PFP review July 2017
VR356 v3	Erect fire resisting ceiling systems PFP review July 2017
VR357 v3	Apply non-reactive spray coatings PFP review July 2017
VR358 v3	Install fire resisting timber door-sets
VR360 v4	Install, maintain and remove work area protection and safety equipment CCEO
VR541 v1	Assess area for repair and resurfacing
VR542 v1	Prepare area for repair and resurfacing
VR543 v1	Repair and resurface damaged area
VR619 v2	Install protective components AIS – CRO reviewed August 2017
VR641	Conform to general workplace health, safety and welfare WO
VR642	Conform to productive work practices WO
VR643	Move, handle or store resources W

Comment [AF2]: These are the standards being reviewed

COSVR541

Assess area for repair and resurfacing



Overview

This standard is about assessing the area for repair and resurfacing, selecting a suitable repair method, selecting and using materials, components, tools and equipment, interpreting information, adopting safe, healthy and environmentally responsible work practices, ~~selecting and using materials, components, tools and equipment, assessing the area for repair and/or resurfacing and selecting a suitable repair method ??~~

~~This standard is for people working in the occupational area of Damage Repair & Resurfacing and can be used by operatives, supervisors and managers ??~~

Comment [AF3]: NJ 27-07 FOR ALL NOS unless commented - Was happy with the red text changes

The orange boxes I believe are still relevant

AF no other comment – **LEAVE AS PROPOSED – EXCEPT PUT 'ASSESS THE AREA FOR REPAIR.....' at start of statement**

Nb: All proposed 'generic template' changes from existing NOS highlighted in red. Some of these are related to the look/style of the NOS, as above; most are changes that most construction occupations have felt are appropriate to knowledge, understanding and skills. They may or may not be applicable to a particular NOS. Where I believe you may have a choice to make, I have made a 'comment', otherwise, I would anticipate that you would probably want to accept the proposed change.

Much of this standard will appear to be the same or similar to other standards, but it should be considered in the context of the particular standard. The core standards, covering construction generally, used to derive the core units of the VQ (NVQ/SVQ) relate to:
VR641 – Conform to general workplace health, safety and welfare
VR642 – Conform to productive practices
VR643 – Move, handle or store resources

Knowledge, understanding and skills specific to the standard I have highlighted in orange. You will need to consider in particular whether being able to meet the standard (in addition to the more general aspects) would currently demonstrates an effective worker, ie does it remain 'fit for purpose'. OR has the occupation changed, so that the standard needs changing?

COSVR541

Assess area for repair and resurfacing

Performance criteria

You must be able to:

- P1 interpret the given information relating to the work and resources to confirm its relevance
- P2 comply with the ~~given~~, relevant ~~current~~ legislation ~~special legal status documents~~, and official guidance ~~and organisational procedures to~~ to carry out your work and maintain safe and healthy work practices
- P3 select the required quantity and quality of resources for the methods of work ~~request resources to sustain equipment operations to complete the programme of work~~
- P4 comply with organisational procedures to minimise the risk of damage to the work and surrounding area
- P5 comply with the given contract information to carry out the work efficiently to the required specification ~~carry out pre-use preparation inspections on equipment in accordance with given procedures~~
- P6 complete the work within the allocated time, in accordance with the programme of work ~~start up and operate equipment in accordance with safe working practices to achieve the work outcome~~

THIS PAGE (WITHIN NOS COSVR541) WILL ALSO EVENTUALLY APPEAR WITHIN THE ACTUAL NOS OF COSVR542 AND COSVR543. AS THIS IS EXACTLY THE SAME IN EACH OF THESE NOS, I HAVE SHOWN IT ONLY ONCE. WHEN REVIEWING, IT SHOULD BE CONSIDERED FOR VR541, VR542 AND VR543.

COSVR541

Assess area for repair and resurfacing

Knowledge and understanding

Performance Criteria 1

Interpretation of information

You need to know and understand:

- ~~K1~~ the operating information and legislation appropriate to the equipment
- K2 the organisational procedures developed to report and rectify inappropriate **information** and unsuitable **resources**, and how they are implemented
- K3 the types of **information**, their source and how they are interpreted
- K4 the organisational procedures to solve **problems** with the **information** and why it is important they are followed

Performance Criteria 2

Safe work practices

You need to know and understand:

- K5 the level of understanding operatives must have of **information** for relevant, current **legislation and official guidance** and how it is applied
- K6 the types of **fire extinguishers** and how and when they are used ???
- K7 how **emergencies** should be responded to and who should respond
- K8 the organisational **security procedures** for tools, equipment and personal belongings
- K9 what the accident reporting procedures are and who is responsible for making the report
- K10 why and when **personal protective equipment (PPE)** should be used why, when and how **health and safety control equipment** should be used
- K11 how to comply with environmentally responsible work practices to meet current **legislation and official guidance**

Comment [AF4]: K1 to K20 are performance criteria that the operative or worker should know and understand

Comment [RS5R4]: 1.1 should be reworded as snagging sheets instead of drawings, and spec, schedules and manufacturers info should be in line with COSHH data knowledge.
1.4 is similar to 1.3
2.1 needs to eliminate working below ground and mechanical lifting unless it states IPAF related operations
4.1 is such a wishy washy question in relation to reporting documentation
4.2 should be a checklist to be ticked by the assessor
4.5 should be reworded and shouldn't include wastage unless it specifically refers to making damage worse before repairing. Finishers calculate filler by visual assessment but have to use the right ratio and should state that.
6.1 is tricky due to weather and substrate factors
6.2 is not relevant in regards to work programmes, or progress charts because surface repair work is not built in to the SOW and if site managers did their job properly there would be no need for them at the end before hand over. The question should be asking "what could happen if you were unable to complete a repair on time" for example

AF – following discussion – ignore – see later comments

Comment [AF6]: You may feel that a knowledge and understanding of this is relevant depending on the site or regardless, in which case it should be included. This knowledge also in unit 641.

No comment - **INCLUDE**

THIS PAGE (WITHIN NOS COSVR541) WILL ALSO EVENTUALLY APPEAR WITHIN THE ACTUAL NOS COSVR542 AND COSVR543. AS THIS IS EXACTLY THE SAME IN EACH OF THESE NOS, I HAVE SHOWN IT ONLY ONCE. WHEN REVIEWING, IT SHOULD BE CONSIDERED FOR VR541, VR542 AND VR543

A GENERAL QUERY – ARE YOU HAPPY IN HAVING 3 SEPARATE STANDARDS FOR ASSESS, PREPARE AND REPAIR AS AT PRESENT? OUTPUT WOULD BE THE SAME HOWEVER.

COSVR541

Assess area for repair and resurfacing

Performance Criteria 3

Selection of resources

You need to know and understand:

- K12 the characteristics, quality, uses, sustainability, limitations and defects associated with the **resources** and how defects should be rectified
- K13 how the **resources** should be used and how any **problems** associated with the **resources** are reported
- K14 the organisational procedures ~~for requisitioning consumables and other~~ to **select resources**, why they have been developed and how they are used
- K15 the **hazards** associated with the **resources** and **methods of work** and how they are overcome

Performance Criteria 4

Minimise the risk of damage

You need to know and understand:

- K16 how to **protect work** from damage and the purpose of protection
- K17 why **disposal of waste** should be carried out safely and how it is achieved

Performance Criteria 5

Meet the contract specification

You need to know and understand:

- K18 how **methods of work**, to meet the specification, are carried out and **problems** reported ~~the methods of work for pre-use checks needed before operating the equipment~~
- K19 how **maintenance** of tools and equipment is carried out

Performance Criteria 6

Allocated time

You need to know and understand:

- K20 what the **programme** is for the work to be carried out in the estimated, allocated time and why deadlines should be kept

THIS PAGE (WITHIN NOS COSVR541) WILL ALSO EVENTUALLY APPEAR WITHIN THE ACTUAL NOS COSVR542 AND COSVR543. AS THIS IS EXACTLY THE SAME IN EACH OF THESE NOS, I HAVE SHOWN IT ONLY ONCE. WHEN REVIEWING, IT SHOULD BE CONSIDERED FOR VR541, VR542 AND VR543

COSVR541

Assess area for repair and resurfacing

Additional Information

Scope/range related to performance criteria

Performance Criteria 1

- 1 interpretation of drawings, specifications, snag lists and/or schedules of work, method statements, risk assessments and manufacturers' information related to the work to be carried out ?????

Performance Criteria 2

- 2 avoidance of risk by complying with the given information relating to /at least?? of the following
 - 2.1 methods of work
 - 2.2 safe use of ~~personal protective equipment (PPE)~~ health and safety control equipment
 - 2.3 safe use of access equipment
 - 2.4 safe use, storage and handling of materials, tools and equipment
 - 2.5 specific risks to health ????.

- ~~3 safe use of fire extinguishers, as appropriate to the fire ???~~

Performance Criteria 3

- 4 selection of resources associated with own work
 - 4.1 ~~materials, and components and or fixings ???~~
 - 4.2 tools and equipment

Performance Criteria 4

- 5 protection of the work and its surrounding area from damage
- 6 ~~minimise damage and~~ maintain a ~~clean~~ clear and tidy work space
- 7 ~~disposal of waste in accordance with current legislation~~

Performance Criteria 5

- 8 demonstration of work skills to estimate, measure, mark out and report
- 9 use and maintain hand tools, portable power tools and ancillary? associated equipment
- 10 assess the area for repair and/or resurfacing and select the repair method to given working instructions, including
 - 10.1 suitable preparation method
 - 10.2 type of application and required materials for repair/finishing
 - 10.3 suitable repair/resurfacing method

Performance Criteria 6

- 11 completion of own work within the estimated, allocated time to meet the needs of other occupations and/or client

Comment [AF7]: PC1 to PC6 are what they should be able to do

Comment [RS8R7]: The work carried out is repairing so they would not have a drawing for it so that is irrelevant so are schedules. This should refer to COSHH data knowledge and possible chemical reactions. We must remember that as with all NVQ's all LO's have to be met and this disadvantages the learner and assessor.

AF – amendments made, COSHH covered under method statements and risk assessments and elsewhere.

Comment [AF9]: All of these? Some of these? At least 'x' of these? Currently all.

NO comments - LEAVE AS 'ALL'

Comment [AF10]: GW 21-08 Agree, knowledge of which extinguishers do what and basic use would be perfect.

Comment [AF11]: You may feel that it is not a 'skill' that operatives or workers need to demonstrate or perform to be competent, they just need to know and understand about their use. Fire training to support this competence can also be quite costly. As with the other proposed changes, you can accept or reject this proposal.

Comments received suggest REMOVE proposed PC2-3 RS agreed 12-10

Comment [NJ12R11]: Reject this

Comment [AF13]: Are any of these needed when assessing for repair and resurfacing?

Comments received suggest that this is appropriate. Whilst the detail is not defined I would suggest that the 'skill' will evidencing selection of appropriate resources for 'assessing an area for repair and resurfacing. Knowledge of resources can be defined further in SKU Resources 16-18 and again as appropriate in VR542, VR543.

RS 12-10 also felt fixings unlikely, but if an 'or' used it would give option if ...

Comment [NJ14R13]: Materials and equipment

Comment [AF15]: GW 21-08 Yes, with the various surfaces its vital to know which materials are correct for the job. This however could be tricky to evaluate as many use different approaches and a vas ...

Comment [RS16R15]: What fixings?

Comment [AF17]: PC5 highlights the main occupational skills, what you must be able to do, directly related to assessing an area for repair and resurfacing

Comment [RS18R17]: Assessing the repair is done visually and if you touch the repair that should be classed as preparation so in my opinion no tools are used at this stage. ...

COSVR541

Assess area for repair and resurfacing

Scope/range related to knowledge and understanding

Disposal of waste

- 1 environmental responsibilities, organisational procedures, manufacturers' information, statutory regulations and official guidance

Emergencies

- 2 operative's response to situations in accordance with organisational authorisation and personal skills when involved with
 - 2.1 fires, spillages, injuries
 - 2.2 emergencies relating to occupational activities

Fire extinguishers ????

- 3 water, CO₂, foam, powder and their uses

Hazards

- 4 those identified by risk assessment, methods of work, manufacturers' technical information, statutory regulations and official guidance

Health and safety control equipment

- 5 identified by the principles of prevention for occupational use, types and purpose of each type, work situations and general work environment
 - 5.1 collective protective measures
 - 5.2 personal protective equipment (PPE)
 - 5.3 respiratory protective equipment (RPE)
 - 5.4 local exhaust ventilation (LEV)

Information

- 6 drawings, specifications, snag lists and/or schedules of work, method statements, risk assessments, manufacturers' information, official guidance and current regulations governing buildings ??? / associated with ??? |

Legislation and official guidance

- 7 this relates to the operative's responsibilities regarding potential accidents, health hazards and the environment whilst working in the workplace, below ground level, in confined spaces, at height, with tools and equipment, with materials and substances, with movement and storage of materials by manual handling and mechanical lifting ???

Maintenance

- 8 operative care of hand tools, portable power tools and ancillary associated equipment ???

Comment [AF19]: Scope/range 1-19 details further knowledge and understanding. This item, no1 relates back to K17 and ability/skill PC4 (7)

Comment [AF20]: This would relate to K6, so if you want a knowledge and understanding of 'the types of fire extinguishers and how and when they are used' then this should also be included

Comments received split. This derived from K6 for which there are no comments and AF8 comment. As such propose that this proposed addition to the knowledge **IS INCLUDED**

Comment [NJ21R20]: Remove

Comment [RS22R20]: Remove all fire extinguisher LO's

AF RS agreed that this was also a requirement to know about in unit 641 and should know about, so include

Comment [AF23]: This would relate to K10 – all applicable?

INCLUDE all as proposed

Comment [NJ24R23]: yes

Comment [RS25R23]: This is already used in the health and safety unit and is not relevant
AF – this unit could be taken stand-alone – hence the repetition

Comment [AF26]: As PC1 changes

Comment [AF27]:current regulations governing buildings OR current regulations associated with this standard, 'Assess area for repair and resurfacing'

There are regulations governing buildings. Will use "current regulations governing buildings" UNLESS it is highlighted to me that there are 'regulations associated with this type of work – damage repair and resurfacing'

Comment [AF28]: GW 21-08 At present I do not believe that there is a governing body.

Comment [AF29]: RS considered that operative would never be operating at the bottom of a trench or excavation. If in a basement then this would be a confined space.

Comment [AF30]: Is mechanical lifting ever needed in this occupation?

Split view. Will leave in **AS PROPOSED**, as something the operative should know about, ie when mechanical lifting should be utilised.

As this is K&U, RS considered keep it in

Comment [NJ31R30]: I wouldn't expect it to but its may be better to leave in

Comment [AF32]: GW 21-08 no

COSVR541

Assess area for repair and resurfacing

Methods of work

- 9 application of knowledge for safe and healthy work practices, procedures and skills relating to the method/area of work and materials used to
 - 9.1 assess the area and select the most suitable repair and/or resurfacing method
 - 9.2 identify and select the correct preparation method
 - 9.3 identify and select the correct application method
 - 9.4 identify the different types of fillers, compounds and coatings suitable for the work
 - 9.5 determine the correct quantities of materials required for the work
 - 9.6 ~~provide information for Building Information Modelling (BIM)~~
 - 9.7 recognise and determine when specialist skills and knowledge are required and report accordingly ???
 - 9.8 ~~determine specific requirements for structures of special interest, traditional build (pre 1919) and historical significance ???~~
 - 9.9 identify and follow the installation quality requirements ???
 - 9.10 ~~work with, around and in close proximity to plant and machinery ???~~
 - 9.11 ~~direct and guide the operations and movement of plant and machinery ???~~
 - 9.12 use hand tools, portable power tools and ancillary associated equipment ???
 - 9.13 work at height
 - 9.14 use access equipment
- 10 team work and communication
- 11 needs of other occupations associated with assessing areas for repair and resurfacing

Personal protective equipment (PPE)

- 9 occupational use, types, purpose of each type and work situations

Problems

- 12 those arising from information, resources and methods of work
 - 12.1 own authority to rectify
 - 12.2 organisational reporting procedures

Programme

- 13 types of progress charts, timetables and estimated times
- 14 organisational procedures for reporting circumstances which will affect the work programme

Comment [AF33]: This highlights in more detail what should specifically be known and understood and be able apply when assessing an area for repair and resurfacing

Comment [AF34]: This is increasingly a requirement on construction sites, so if this might be a requirement on some of your sites, then it should be included. It's really just ensuring operatives are aware of BIM and that they may need to provide information to their supervisor or client

I would suggest that if there were a need for providing information, then it would be on individuals repairs, ie 'particular fitting/item, its location, repair details'. Based on comments I will **REJECT** proposal.

Comment [NJ35R34]: Does this relate to every area of repair

Comment [AF36]: GW 21-08 I have never come across this on sites within my ten years of surface repair.

Comment [AF37]: Could there be situations where the operative needs to seek further guidance or that there is something beyond their ability? Then they should understand situations when this might ...

Comment [NJ38R37]: Yes this should be included

Comment [AF39]: GW 21-08 I would estimate this would be more a case of recognising when a repair is out with the ...

Comment [AF40]: Could the age of the structure have an impact on the repair and resurfacing materials and/or method? ...

Comment [NJ41R40]: Non more so than if a repair is achievable or ...

Comment [AF42R41]: GW 21-08 Yes and no, within cosmetic repairs old surfa ...

Comment [AF43]: When assessing or repairing would this be called installation? Suggested **leave out**.

Comment [AF44]: Is this something that operatives have to ever do therefore ...

Comment [NJ45R44]: Yes

Comment [AF46]: GW 21-08 Yes, immediate work area health and safety

Comment [AF47]: I would think 9.10 might be a requirement, but I would not ...

Comment [NJ48R47]: No they shouldn't and they would need to know not to get involved

Comment [AF49R47]: GW 21-08 Finishers with further training ...

Comment [AF50]: Consistent with elsewhere, more understandable

Comment [AF51]: RS considered that operatives would not use progress charts, nor need K&U of them

COSVR541

Assess area for repair and resurfacing

Protect work

15 protect work against damage from general workplace activities, other occupations and adverse weather conditions

Resources

16 materials, components or fixings and equipment relating to types, quantity, quality, sizes and the sustainability of standard and/or specialist

16.1 reporting documentation

16.2 access equipment

16.3 fittings and fixings ??

16.4 hand tools, portable power tools and associated ancillary equipment ??

17 confirm resources and materials conform with the specification???

18 methods of calculating quantity, length, area and wastage of materials associated with the method and procedure to assess areas for repair and resurfacing?????

Security procedures

19 site, workplace, company, operative and vehicles???

Comment [AF52]: This relates back to PC3. Specifically to assessing for repair and resurfacing. What resources would/would not be needed? Will there be instances where there is a job specified in advance? Are there calculations to make?

Comment [NJ53R52]: Not really however colour could already ready be pre determined, so to refer to the scope by there supervisor or manager

Comment [AF54]: GW 21-08 A few variables at play, smart repair and resurfacing requires an estimate of coating amounts, but also time scale calculations, what kit to use and as listed, be able match the repair required to the job specific documentation

Comment [AF55]: Propose that this not needed when assessing area. Unless I hear otherwise will REJECT this

Comment [AF56]: If operatives are also responsible for a vehicle, this is normally also included

Comment [NJ57R56]: Yes fine

COSVR541

Assess area for repair and resurfacing

Developed by	ConstructionSkills
Version number	2 3?
Date approved	December 2008?
Indicative review date	February 2014
Validity	Current
Status	Original
Originating organisation	ConstructionSkills
Original URN	VR541
Relevant occupations	Construction Operatives
Suite	Associated Industrial Services (Construction)
Key words	Fillers; Compounds; Coatings; Repair-method

This page is at the end of each standard – I will complete this.

COSVR542

Prepare area for repair and resurfacing

Overview

This standard is about preparing the area for repair and/or resurfacing, interpreting information, adopting safe, healthy and environmentally responsible work practices, selecting and using materials, components, tools and equipment. ~~preparing the area for repair and/or resurfacing ??~~

This standard is for people working in the occupational area of Damage Repair and Resurfacing and can be used by operatives, supervisors and managers
~~????~~

Please review in the same way as standard COSVR541. You are now considering whether the elements of the standard are currently applicable to 'Prepare area for repair and resurfacing'. The comments I have made in COSVR541 may well be applicable for this unit. Bear in mind that pages 2, 3 and 4 in COSVR541 have not been repeated here.

The occupationally specific sections are again highlighted in orange.

COSVR542

Prepare area for repair and resurfacing

Additional Information

Scope/range related to performance criteria

Performance Criteria 1

- 1 interpretation of ~~drawings~~, specifications, ~~snag list or~~ schedules of work, ~~method statements~~, ~~risk assessments~~ and manufacturers' information related to the work to be carried out ~~????~~

Performance Criteria 2

- 2 avoidance of risk by complying with the given information relating to ~~at least??~~ of the following
 - 2.1 methods of work
 - 2.2 safe use of ~~personal protective equipment (PPE)~~ health and safety control equipment
 - 2.3 safe use of access equipment
 - 2.4 safe use, storage ~~and handling~~ of materials, tools and equipment
 - 2.5 ~~specific risks to health~~ ~~????~~

~~3 safe use of fire extinguishers, as appropriate to the fire ???~~

Performance Criteria 3

- 4 selection of resources associated with own work
 - 4.1 materials ~~and~~, components ~~and~~ or fixings
 - 4.2 tools and equipment

Performance Criteria 4

- 5 protection of the work and its surrounding area from damage
- 6 ~~minimise damage and~~ maintain a ~~clean~~ clear and tidy work space
- 7 disposal of waste in accordance with ~~current~~ legislation

Performance Criteria 5

- 8 demonstration of work skills to ~~measure estimate~~, mask and apply
- 9 use and maintain hand tools, portable power tools and ~~associated ancillary~~ equipment
- 10 prepare the damaged area to receive repair and/or resurfacing to given working instructions and manufacturers' guidelines
 - 10.1 establish access requirements
 - 10.2 protect and prepare the working area
 - 10.3 clean, abrade, prime, bond and cure as applicable

Performance Criteria 6

- 11 completion of own work within the estimated, allocated time to meet the needs of other occupations and/or client

Comment [AF58]: Comments as first NOS where generic

Comment [AF59]: Added for consistency with other NOS, more understandable – removed ancillary same reasons

COSVR542

Prepare area for repair and resurfacing

Scope/range related to knowledge and understanding

Disposal of waste

- 1 environmental responsibilities, organisational procedures, manufacturers' information, statutory regulations and official guidance

Emergencies

- 2 operative's response to situations in accordance with organisational authorisation and personal skills when involved with
 - 2.1 fires, spillages, injuries
 - 2.2 emergencies relating to occupational activities

Fire extinguishers ????

- 3 water, CO₂, foam, powder and their uses

Hazards

- 4 those identified by risk assessment, methods of work, manufacturers' technical information, statutory regulations and official guidance

Health and safety control equipment

- 5 identified by the principles of prevention for occupational use, types and purpose of each type, work situations and general work environment
 - 5.1 collective protective measures
 - 5.2 local exhaust ventilation (LEV)
 - 5.3 personal protective equipment (PPE)
 - 5.4 respiratory protective equipment (RPE)

Information

- 6 drawings, specifications, snag lists or schedules of work, method statements, risk assessments, manufacturers' information, official guidance and current regulations governing buildings ??? / associated with ????

Legislation and official guidance

- 7 this relates to the operative's responsibilities regarding potential accidents, health hazards and the environment whilst working in the workplace, below ground level, in confined spaces, at height, with tools and equipment, with materials and substances, with movement and storage of materials by manual handling and mechanical lifting???

Maintenance

- 8 operative care of hand tools, and/or portable power tools and ancillary associated equipment

COSVR542

Prepare area for repair and resurfacing

Methods of work

- 9 application of knowledge for safe and healthy work practices, procedures and skills relating to the method/area of work and materials used to
 - 9.1 protect the area as appropriate
 - 9.2 mask the repair area
 - 9.3 abrade as necessary
 - 9.4 clean the area
 - 9.5 prepare various surface areas by applying compounds, fillers, primer and/or bonding agent (if required)
 - 9.6 cure as required
 - ~~9.7 provide information for Building Information Modelling (BIM)~~
 - 9.8 recognise and determine when specialist skills and knowledge are required and report accordingly ???
 - ~~9.9 determine specific requirements for structures of special interest, traditional build (pre 1919) and historical significance ???~~
 - ~~9.10 identify and follow the installation quality requirements ???~~
 - 9.11 work with, around and in close proximity to plant and machinery ???
 - ~~9.12 direct and guide the operations and movement of plant and machinery ???~~
 - 9.13 use hand tools, portable power tools and ancillary associated equipment ???
 - 9.14 work at height
 - 9.15 use access equipment
- 10 team work and communication
- 11 needs of other occupations associated with preparing the area for repair and/or resurfacing

Personal protective equipment (PPE)

- ~~10 occupational use, types, purpose of each type and work situations~~

Problems

- 12 those arising from information, resources and methods of work
 - 12.1 own authority to rectify
 - 12.2 organisational reporting procedures

Programme

- 13 types of ~~progress charts~~, timetables and estimated times
- 14 organisational procedures for reporting circumstances which will affect the

COSVR542

Prepare area for repair and resurfacing
work programme

COSVR542

Prepare area for repair and resurfacing

Protect work

- 15 protect work against damage from general workplace activities, other occupations and adverse weather conditions

Resources

- 16 materials, components or fixings and equipment relating to types, quantity, quality, sizes and the sustainability of standard and/or specialist
- 16.1 compounds, fillers, primers and bonding agents
- 16.2 masking and protection materials
- ~~16.3 fittings and fixings???~~
- 16.4 access equipment
- 16.5 hand tools, and/or portable powered tools and ancillary associated equipment ?
- 17 confirm resources and materials conform with the specification???
- 18 methods of calculating quantity, length, area and wastage associated with the method/procedure to prepare the area for repair and/or resurfacing???

Security procedures

- 19 site, workplace, company and operative, vehicles???

Comment [AF60]: No comments made – but have left in as there could be some of these at times required in prep???

Comment [RS61R60]: 16.3: What fittings and fixtures? This makes no sense
18: what method does anyone use for calculating waste?

COSVR543 Repair and resurface damaged area



Overview

This standard is about repairing and resurfacing damaged areas, preparing and applying compound to prepared surfaces, finishing off the repaired or prepared surface area, interpreting information, adopting safe, healthy and environmentally responsible work practices, selecting and using materials, components, tools and equipment, ~~preparing and applying compound to prepared area, finishing off the repaired or prepared area ??~~

This standard is for people working in the occupational area of Damage Repair and Resurfacing and can be used by operatives, supervisors and managers ??

Please review in the same way as standard COSVR541. You are now considering whether the elements of the standard are currently applicable to 'Repair and resurface damaged area'. The comments I have made in COSVR541 may well be applicable for this unit. Bear in mind that pages 2, 3 and 4 in COSVR541 have not been repeated here.

The occupationally specific sections are again highlighted in orange.

COSVR543
Repair and resurface damaged area



Additional Information

Scope/range related to performance criteria

Performance Criteria 1

- 1 interpretation of drawings, specifications, snag lists or schedules of work, method statements, risk assessments and manufacturers' information related to the work to be carried out ??

Performance Criteria 2

- 2 avoidance of risk by complying with the given information relating to/at least?? of the following
 - 2.1 methods of work
 - 2.2 safe use of personal protective equipment (PPE) health and safety control equipment
 - 2.3 safe use of access equipment
 - 2.4 safe use, storage and handling of materials, tools and equipment
 - 2.5 specific risks to health ????
- ~~3 safe use of fire extinguishers, as appropriate to the fire ???~~

Performance Criteria 3

- 4 selection of resources associated with own work
 - 4.1 materials and; components and or fixings
 - 4.2 tools and equipment

Performance Criteria 4

- 5 protection of the work and its surrounding area from damage
- 6 minimise damage and maintain a clean clear and tidy work space
- 7 disposal of waste in accordance with current legislation

Performance Criteria 5

- 8 demonstration of work skills to mix, prepare, inspect, polish and blend
- 9 use and maintain hand tools, portable power tools and associated ancillary equipment ?
- 10 prepare and apply filler and/or compound to repair area and finish off to correct profile to match existing surface, to given working instructions, relating to
 - 10.1 texture
 - 10.2 colour and hue
 - 10.3 substrate and strength

Performance Criteria 6

- 11 completion of own work within the estimated, allocated time to meet the

COSVR543
Repair and resurface damaged area



needs of other occupations and/or client

COSVR543
Repair and resurface damaged area



Scope/range related
to knowledge and
understanding

Disposal of waste

- 1 environmental responsibilities, organisational procedures, manufacturers' information, statutory regulations and official guidance

Emergencies

- 2 operative's response to situations in accordance with organisational authorisation and personal skills when involved with
 - 2.1 fires, spillages, injuries
 - 2.2 emergencies relating to occupational activities

Fire extinguishers ????

- 3 water, CO₂, foam, powder and their uses

Hazards

- 4 those identified by risk assessment, methods of work, manufacturers' technical information, statutory regulations and official guidance

Health and safety control equipment

- 5 identified by the principles of prevention for occupational use, types and purpose of each type, work situations and general work environment
 - 5.1 collective protective measures
 - 5.2 personal protective equipment (PPE)
 - 5.3 respiratory protective equipment (RPE)
 - 5.4 local exhaust ventilation (LEV)

Information

- 6 drawings, specifications, snag lists or schedules of work, method statements, risk assessments, manufacturers' information, official guidance and current regulations governing buildings ???/associated with ????

Legislation and official guidance

- 7 this relates to the operative's responsibilities regarding potential accidents, health hazards and the environment whilst working in the workplace, below ground level, in confined spaces, at height, with tools and equipment, with materials and substances, with movement and storage of materials by manual handling and mechanical lifting ???

Maintenance

- 8 operative care of hand tools, and/or portable power tools and ancillary associated equipment ???

Methods of work

- 9 application of knowledge for safe and healthy work practices, procedures and skills relating to the method/area of work and materials used to
 - 9.1 select and prepare appropriate materials
 - 9.2 apply compound(s) to repair area to horizontal and inclined surfaces
 - 9.3 finish applied compound to existing profiles and cure
 - 9.4 inspect and prepare for final coat and/or polishing
 - 9.5 apply finish to repaired or prepared area, using the appropriate method
 - 9.6 finish off the area ensuring the finish matches the existing area in terms of colour and hue, texture, substrate and strength
 - 9.7 polish the surface if required
 - ~~9.8 provide information for Building Information Modelling (BIM)~~
 - ~~9.9 recognise and determine when specialist skills and knowledge are required and report accordingly ???~~
 - ~~9.10 determine specific requirements for structures of special interest, traditional build (pre 1919) and historical significance ???~~
 - ~~9.11 identify and follow the installation quality requirements ???~~
 - ~~9.12 work with, around and in close proximity to plant and machinery ???~~
 - ~~9.13 direct and guide the operations and movement of plant and machinery ???~~
 - 9.14 use hand tools, portable power tools and associated ancillary equipment ???
 - 9.15 work at height
 - 9.16 use access equipment
- 10 team work and communication
- 11 needs of other occupations associated with repairing and/or resurfacing damaged areas

Personal protective equipment (PPE)

- ~~10 occupational use, types, purpose of each type and work situations~~

Problems

- 12 those arising from information, resources and methods of work
 - 12.1 own authority to rectify
 - 12.2 organisational reporting procedures

COSVR543 Repair and resurface damaged area



Programme

- 13 types of progress charts, timetables and estimated times
- 14 organisational procedures for reporting circumstances which will affect the work programme

Protect work

- 15 protect work against damage from general workplace activities, other occupations and adverse weather conditions

Resources

- 16 materials, components or fixings and equipment relating to types, quantity, quality, sizes and the sustainability of standard and/or specialist
 - 16.1 compounds, fillers, coatings
 - 16.2 access equipment
 - 16.3 fittings and fixings ??
 - 16.4 hand tools, and/or portable powered tools and associated ancillary equipment ??
- 17 confirm resources and materials conform with the specification ???
- 18 methods of calculating quantity, length, area and wastage of materials associated with the method and procedure to repair and/or resurface damaged areas

Security procedures

- 19 site, workplace, company, operative and vehicles ???