

ALERT TOPIC	Falling Delaminated Concrete.	ALERT REFERENCE:	2022-H&S Version 1
TARGET AUDIENCE:	Regional Managers, Site Managers Site Engineers and Supervisors	AUTHORISED BY:	N Roper S Jones
DATE OF ISSUE:	Tuesday 5 April 2022	DISPLAY UNTIL:	End October 2022

INTRODUCTION

- CRL have recently had two incidents involving falling concrete. On one site a worker tried to catch a falling piece of concrete he had removed which resulted in an injured finger. On another site the hydrodemolition team were working on a concrete structure when a large section (2x1M) of delaminated pier became dislodged and unexpectedly fell close to the team working on the scaffold. There was also a similar sections of delaminated concrete on the adjacent soffit.



REASON FOR ISSUING THIS ALERT

- It is not unusual to find that we need to repair structures that have extensive delamination, which have led to the cover layer having detached along the line of the reinforcement. Often these sections of concrete can be ready to fall either through vibrations or minimum breaker intervention. Such a situation can create significant hazards to any operative removing such sections or anyone working in the vicinity, as well as potentially causing damage and stability to scaffold structures.



CONCLUSIONS AND DISCUSSION POINTS

- Work areas should be inspected before work starts to ensure that they remain safe for those people working in the area. Where sections of delaminated concrete are detected and there is the potential for this concrete to fall a Risk Assessment & Safe System of Work needs to be developed to safely remove such sections. This may require some temporary works that allow controlled removal by cutting the section of concrete as well as considerations of operative positions, methods and exclusion zones. Concrete sections should be removed in a controlled manner.

SHEQ ALERT

Please review the content of the attached SHEQ Alert for relevance prior to communicating the contents to your site teams. Please record this review on the form below and retain in the CRL filing system:

SHEQ ALERT BRIEFING RECORD

ALERT TOPIC:	Falling Delaminated Concrete.	ALERT REFERENCE:	2022-H&S Version 1
PROJECT NAME:		DATE OF BRIEFING:	
BRIEFING DELIVERED BY:			

The following people have signed to confirm receipt and understanding of this SHEQ Alert:

NAME	EMPLOYER	EMPLOYEE ID	SIGNATURE

If you have any SHEQ issues that you wish to discuss, please contact your supervisor, line manager, or a member of the SHEQ team.