Risk Assessment Summary

| Client: Environment Agency | Job Number: | 01C000592 |
|----------------------------|-------------|-----------|

Project: Lift refurbishment scheme at Rivers House, East Quay, Bridgwater, Somerset TA6 4YS

| | Risk Assessment | Risk Score | Acceptable? |
|---|--|------------|-------------|
| 1 | Danger to operatives. Fall or injury. | 2 | Yes |
| 2 | Injury to staff. | 4 | Yes |
| 3 | Injuries from falling materials | 2 | Yes |
| 4 | Movement of people, materials and equipment. | 4 | Yes |
| 5 | Electric shock risk | 2 | Yes |
| 6 | Danger to operatives working on existing M&E plant | 2 | Yes |
| 7 | Unauthorised access to lift areas | 3 | Yes |
| 8 | Disturbance of Asbestos Containing Materials(ACM'S) During W | 3 | Yes |

| Comments: | | | |
|---------------|--------------|----------------|--|
| | | | |
| Completed by: | Gareth Lomax | | |
| Signed: | | Date: 25.11.20 | |

| | Client: | Environm | ent Ager | ісу | | | | Risk Ref: 01C000592/01 |
|------------|--------------------|---------------------|-----------|------------------------------|------|-----------|---------|---|
| | Project: | Lift refurb 4YS | ishment s | scheme a | it R | ivers Hou | se, Eas | t Quay, Bridgwater, Somerset TA6 |
| | Risk: | Danger t | o operati | ves. Fall o | r ir | njury. | | |
| Ris | ∢ Details: | _ | _ | t within lif outside lift | | | lacem | ent of landing entrances leading |
| | | | Severity | | | | | Risk Calculator |
| | | Slightly Harmful | Harmful | Very Harmful | | Harmful | | ▼ × Unlikely ■ = 4 |
| þ | Highly Unlikely | 1 | 2 | 3 | | 1 - 2 | Low | No further action necessary. Monitor to ensure controls are maintained. |
| Likelihood | Unlikely | 2 | 4 | 6 | | 3 - 4 | Mid | Efforts should be taken to reduce risk but costs of prevention considered. |
| ij | Likely | 3 | 6 | 9 | | 6 - 9 | High | Urgent efforts to reduce risk, consider whether work should be started or continued. |
| | | | noardings | to be er | ec | ted and | kept lo | ne provided by Contractor. ocked at all times. Contractor to its suitable for the task. |
| | | | Severity | | | Ris | k Calc | culator with controls in place |
| | | Slightly Harmful | Harmful | Very Harmful | | Harmful | | ▼ × Highly Unlikely ■ = 2 |
| ō | Highly Unlikely | 1 | 2 | 3 | | 1 - 2 | Low | No further action necessary. Monitor to ensure controls are maintained. |
| Likelihood | Unlikely | 2 | 4 | 6 | | 3 - 4 | Mid | Efforts should be taken to reduce risk but costs of prevention considered. |
| _ | Likely | 3 | 6 | 9 | | 6 - 9 | High | Urgent efforts to reduce risk, consider whether work should be started or continued. |
| | | | | | | | Δ | Acceptable? Yes ▼ |
| Co | mments: | | | | | | | |

| Client: | Environment Agency | Risk Ref: | 01C000592/02 |
|----------|---|-----------------|--------------|
| Project: | Lift refurbishment scheme at Rivers House, East Q | ıav Bridawater | Somerset TA6 |
| _ | 4YS | day, bhagwater, | SOME SECTION |
| | | | |

Risk: Injury to staff.

Risk Details: The offices will remain occupied and operational at all times. Staff and work operatives could be injured due to the movement of materials, equipment and the use, operation of equipment and general construction activities. Also injury to staff from work activities being undertaken adjacent to proposed work area.

| | | | Severity | |
|------------|--------------------|---------------------|----------|-----------------|
| | | Slightly Harmful | Harmful | Very Harmful |
| 7 | Highly Unlikely | 1 | 2 | 3 |
| Likelihood | Unlikely | 2 | 4 | 6 |
| :5 | Likely | 3 | 6 | 9 |

| | | Risk Calculator |
|---------|------|--|
| Harmful | | ▼ × Likely ▼ = 6 |
| 1 - 2 | Low | No further action necessary. Monitor to ensure controls are maintained. |
| 3 - 4 | Mid | Efforts should be taken to reduce risk but costs of prevention considered. |
| 6 - 9 | High | Urgent efforts to reduce risk, consider whether work should be started or continued. |

Controls: Contractor to implement full risk assessments and method statements whilst on site. Works to be managed on a day to day basis. Contractor to have full time chargehand. Safe working areas to be provided/set up and identified where appropriate. Contractor to use an entrance to be confimed by the Client. Where possible movement of materials and people to be separated from existing office areas. Contractor to comply with local site H&S policies due to live office environment. Policies available on site and to be agreed at pre start.

| | | Severity | | | | | |
|------------|--------------------|---------------------|---------|-----------------|--|--|--|
| | | Slightly Harmful | Harmful | Very Harmful | | | |
| 70 | Highly Unlikely | 1 | 2 | 3 | | | |
| Likelihood | Unlikely | 2 | 4 | 6 | | | |
| _ <u></u> | Likely | 3 | 6 | 9 | | | |

| Harmful | | ▼ × Unlikely ■ = 4 |
|---------|------|--|
| 1 - 2 | Low | No further action necessary. Monitor to ensure controls are maintained. |
| 3 - 4 | Mid | Efforts should be taken to reduce risk but costs of prevention considered. |
| 6 - 9 | High | Urgent efforts to reduce risk, consider whether work should be started or continued. |

Risk Calculator with controls in place

Acceptable? Yes

Comments: To be adapted/reviewed following detailed discussions with Client H&S rep and Contractor during pre start meeting. Constant monitoring and reporting from site teams.

| | Client: | Environm | ent Agen | СУ | | | | Risk Ref: 01C000592/03 |
|------------|--------------------|---------------------|------------------------|----------------------|------------|-----------------------|---------------------|--|
| | Project: | Lift refurb 4YS | ishment s | scheme a | ıt R | ivers Hous | se, Eas | t Quay, Bridgwater, Somerset TA6 |
| | Risk: | Injuries fro | om falling | material | S | | | |
| Ris | k Details: | | juipment rironment | | naf | t, or perso | nnel v | working below others within the lift |
| | | | Severity | | | | | Risk Calculator |
| | | Slightly Harmful | Harmful | Very Harmful | | Harmful | | ▼ × Unlikely ■ = 4 |
| pc | Highly Unlikely | 1 | 2 | 3 | | 1 - 2 | Low | No further action necessary. Monitor to ensure controls are maintained. |
| Likelihood | Unlikely | 2 | 4 | 6 | | 3 - 4 | Mid | Efforts should be taken to reduce risk but costs of prevention considered. |
| ņ | Likely | 3 | 6 | 9 | | 6 - 9 | High | Urgent efforts to reduce risk, consider whether work should be started or continued. |
| | Controls: | manual working | handling in confine | to high ed area v | n le wh | evels. Co ere high | ontracti level v | e of lifting equipment rather than tor to manage staff/operatives works being undertaken. Physical o office staff clear of potential risk |
| | | | Severity | | | Ris | k Calc | culator with controls in place |
| | | Slightly Harmful | Harmful | Very Harmful | | Slightly Harr | mful | ▼ × Unlikely = 2 |
| Ď | Highly Unlikely | 1 | 2 | 3 | | 1 - 2 | Low | No further action necessary. Monitor to ensure controls are maintained. |
| Likelihood | Unlikely | 2 | 4 | 6 | | 3 - 4 | Mid | Efforts should be taken to reduce risk but costs of prevention considered. |
| _ | Likely | 3 | 6 | 9 | | 6 - 9 | High | Urgent efforts to reduce risk, consider whether work should be started or continued. |
| | | | | | | | A | Acceptable? Yes ▼ |
| Co | omments: | | | | | | | |

| | Client: | Environm | nent Ager | псу | | | | Risk Ref: 01C000592/04 |
|------------|--------------------------------|---|--|--|------------------|--|---|--|
| | Project: | Lift refurk 4YS | oishment s | scheme a | it R | ivers Hou | se, Eas | t Quay, Bridgwater, Somerset TA6 |
| | Risk: | Moveme | ent of pec | ple, mate | eria | ls and eq | uipme | ent. |
| Ris | sk Details: | Risk of co | ollision wit | th membe | ers (| of the pul | blic ar | d staff. |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | 1 | | | |
| | | | Severity | 1 | | | | Risk Calculator |
| | | Slightly Harmful | Harmful | Very Harmful | | Harmful | | ▼ × Likely ■ = 6 |
| g | Highly Unlikely | 1 | 2 | 3 | | 1 - 2 | Low | No further action necessary. Monitor to ensure controls are maintained. |
| Likelihood | Unlikely | 2 | 4 | 6 | | 3 - 4 | Mid | Efforts should be taken to reduce risk but costs of prevention considered. |
| _ = | Likely | 3 | 6 | 9 | | 6 - 9 | High | Urgent efforts to reduce risk, consider whether work should be started or continued. |
| | Controls: | Access to | o the buil | ding will b | эе | shared b | etwee | gs away from staff and visitors. n Principal Contractor and Client. |
| | Controls: | Access to Shortest Contract materials | o the buil delivery i tor to liais to avoic ve worksh | ding will be a coutes for see with Cleding collision. | be he lien | shared be eavy lift r nt on a de Contracto | etwee machii aily ba or to co | gs away from staff and visitors. |
| | Controls: | Access to Shortest Contract materials due to liv | o the buil delivery i tor to liais to avoic ve worksh | ding will be a coutes for see with Cleding collision. | be he lien | shared be eavy lift r at on a de Contracto nent. Poli | etwee machii aily ba or to co cies av | gs away from staff and visitors. In Principal Contractor and Client. In herary to be sought and utilised. It is is and to coordinate delivery of the pomply with local site H&S policies |
| | Controls: | Access to Shortest Contract materials due to liv | o the buil delivery I tor to liais s to avoic ve worksh art. | ding will be a coutes for see with Cleding collision. | be he lien | shared be eavy lift r at on a de Contracto nent. Poli | etwee machii aily ba or to co cies av | gs away from staff and visitors. In Principal Contractor and Client. In Principal Contractor and Client. In Principal Contractor and utilised. It is is and to coordinate delivery of omply with local site H&S policies vailable on site and to be agreed |
| 70 | Controls: Highly Unlikely | Access to Shortest Contract materials due to livat pre sta | o the buildelivery is tor to liais to avoid we workshart. | ding will the routes for see with Classical decollision and penviron very | be he lien | shared beeavy lift rate on a decorate of the contracton of the con | etwee machii aily ba or to co cies av | gs away from staff and visitors. In Principal Contractor and Client. In Principal Contractor and Client. In Principal Contractor and Utilised. It is is and to coordinate delivery of omply with local site H&S policies vailable on site and to be agreed. It is away from the staff of the principal sta |
| ikelihood | Highly | Access to Shortest Contract materials due to livat pre sta | o the buildelivery is tor to liais to avoid we workshart. | ding will the routes for see with Classical decollision and penviron very | be he lien | shared beeavy lift ron a dictional d | etwee machin aily bar or to co cies av | gs away from staff and visitors. In Principal Contractor and Client. In Principal C |
| Likelihood | Highly Unlikely | Access to Shortest Contract materials due to livat pre sta | o the buildelivery is tor to liais to avoid we workshart. Severity Harmful | ding will be routes for se with Cl dicollision nop environment of the control of | be he lien | shared beeavy lift ron a discontractonent. Police Ris | etwee machin aily bar to co cies av | gs away from staff and visitors. n Principal Contractor and Client. nerary to be sought and utilised. sis and to coordinate delivery of omply with local site H&S policies vailable on site and to be agreed vallator with controls in place valuator with controls in place |
| Likelihood | Highly Unlikely Unlikely | Access to Shortest Contract materials due to livat pre sta | o the buildelivery in tor to liais to avoid we workshart. Severity Harmful | ding will be routes for se with Cl disconnice environment of the collision | be he lien | shared be eavy lift ron a di Contracto nent. Polici Ris | etwee machir aily ba or to co cies av k Calc Low Mid High | gs away from staff and visitors. n Principal Contractor and Client. nerary to be sought and utilised. sis and to coordinate delivery of omply with local site H&S policies vailable on site and to be agreed **Culator with controls in place** **Unlikely** = 4 No further action necessary. Monitor to ensure controls are maintained. Efforts should be taken to reduce risk but costs of prevention considered. Urgent efforts to reduce risk, consider whether work should be started or |
| | Highly Unlikely Unlikely | Access to Shortest Contract materials due to livat pre state Slightly Harmful | o the buildelivery in tor to liais to avoid we workshart. Severity Harmful | ding will be routes for se with Cl disconnice environment of the collision | be he lien | shared be eavy lift ron a di Contracto nent. Polici Ris | etwee machir aily ba or to co cies av k Calc Low Mid High | gs away from staff and visitors. In Principal Contractor and Client. In Principal Contractor and Clien |

| | Client: | Environm | ient Ager | псу | | | | Risk Ref: 01C000592/05 | | | | | |
|--|---|---------------------|--|-----------------|--|-----------------|--------|--|--|--|--|--|--|
| | Project: Lift refurbishment scheme at Rivers House, East Quay, Bridgwater, Somerset TA6 | | | | | | | | | | | | |
| | Risk: Electric shock risk | | | | | | | | | | | | |
| Ris | k Details: | other lifts | Lift operatives will be removing and refurbishing one lift, whilst keeping the other lifts operational. Cable runs are shared in places and live interconnection exist between control panels. | | | | | | | | | | |
| | | | Severity | | | Risk Calculator | | | | | | | |
| | | Slightly Harmful | Harmful | Very Harmful | | Harmful | | ▼ × Unlikely ■ = 4 | | | | | |
| p | Highly Unlikely | 1 | 2 | 3 | | 1 - 2 | Low | No further action necessary. Monitor to ensure controls are maintained. | | | | | |
| Likelihood | Unlikely | 2 | 4 | 6 | | 3 - 4 | Mid | Efforts should be taken to reduce risk but costs of prevention considered. | | | | | |
| | Likely | 3 | 6 | 9 | | 6 - 9 | High | Urgent efforts to reduce risk, consider whether work should be started or continued. | | | | | |
| Controls: Works to shared electrical supplies should be undertaken during out of enable isolation and safe seperation of services. All staff to be suitable and qualified. | | | | | | | | | | | | | |
| | | Severity | | | | Ris | k Calc | culator with controls in place | | | | | |
| | | Slightly Harmful | Harmful | Very Harmful | | Harmful | | ▼ × Highly Unlikely ■ = 2 | | | | | |
| ъ | Highly Unlikely | 1 | 2 | 3 | | 1 - 2 | Low | No further action necessary. Monitor to ensure controls are maintained. | | | | | |
| Likelihood | Unlikely | 2 | 4 | 6 | | 3 - 4 | Mid | Efforts should be taken to reduce risk but costs of prevention considered. | | | | | |
| = | Likely | 3 | 6 | 9 | | 6 - 9 | High | Urgent efforts to reduce risk, consider whether work should be started or continued. | | | | | |
| | | | | | | | P | Acceptable? Yes ▼ | | | | | |
| Co | mments: | | | | | | | | | | | | |

| Client: Environment Agency Risk Ref: 01C000592/ | | | | | | | | | | | |
|--|--|---------------------|----------|-----------------|--|---------|--------|--|---|--|--|
| | Project: Lift refurbishment scheme at Rivers House, East Quay, Bridgwater, Somerset TA-4YS | | | | | | | | | | |
| | Risk: Danger to operatives working on existing M&E plant | | | | | | | | | | |
| Risk Details: With operatives working in lift motor room, the lift not being refurbished will be live and operating frequently due to the temporary shortfall in lift service during the works. | | | | | | | | | | | |
| Severity | | | | | | | | Ri | isk Calculator | | |
| | | Slightly Harmful | Harmful | Very Harmful | | Harmful | | • | × Unlikely ■ 4 | | |
| ъ | Highly Unlikely | 1 | 2 | 3 | | 1 - 2 | Low | | No further action necessary. Monitor to ensure controls are maintained. | | |
| Likelihood | Unlikely | 2 | 4 | 6 | | 3 - 4 | Mid | Efforts should be taken to reduce risk costs of prevention considered. | | | |
| | Likely | 3 | 6 | 9 | | 6 - 9 | High | Urgent efforts to reduce risk, consider whether work should be started of continued. | | | |
| Controls: All rotating parts to be suitably guarded and guards to be kept in place. I guarding requires removal, the lock off, tag out proceedures should be followed. Contractor to implement full risk assessments and method statement before undertaking the work. Information on existing system to be obtained from Clients on site H&S information and rep. Qualified operatives only to work on the systems. | | | | | | | | | | | |
| | | | Severity | | | Ris | k Calc | ula | tor with controls in place | | |
| | | Slightly Harmful | Harmful | Very Harmful | | Harmful | | • | × Highly Unlikely ▼ = 2 | | |
| ō | Highly Unlikely | 1 | 2 | 3 | | 1 - 2 | Low | | No further action necessary. Monitor to ensure controls are maintained. | | |
| Likelihood | Unlikely | 2 | 4 | 6 | | 3 - 4 | Mid | Effc | orts should be taken to reduce risk but costs of prevention considered. | | |
| | Likely | 3 | 6 | 9 | | 6 - 9 | High | | rgent efforts to reduce risk, consider whether work should be started or continued. | | |
| | | | | | | | P | \cc | eptable? Yes ▼ | | |
| Co | mments: | | | | | | | | | | |

| | Client: | Environm | ent Ager | псу | Risk Ref: 01C000592/07 | | | | | | |
|--|--------------------|---|----------|-----------------|------------------------|--|------------------|--|--|--|--|
| Project: Lift refurbishment scheme at Rivers House | | | | | | | se, Eas | t Quay, Bridgwater, Somerset TA6 | | | |
| Risk: Unauthorised access to lift areas | | | | | | | | | | | |
| Risi | k Details: | The works will involve removal of landing doors, lifting of heavy machinery working at height and on live electrical systems. | | | | | | | | | |
| | | | Severity | | | | | Risk Calculator | | | |
| | | Slightly Harmful | Harmful | Very Harmful | | Very Harmf | ▼ × Unlikely = 6 | | | | |
| d | Highly Unlikely | 1 | 2 | 3 | | 1 - 2 | Low | No further action necessary. Monitor to ensure controls are maintained. | | | |
| Likelihood | Unlikely | 2 | 4 | 6 | | 3 - 4 | Mid | Efforts should be taken to reduce risk but costs of prevention considered. | | | |
| Ü | Likely | 3 | 6 | 9 | | 6 - 9 | High | Urgent efforts to reduce risk, consider whether work should be started or continued. | | | |
| Controls: All elements of works to the lift installations pose potentially harmful riuntrained, unqualified persons should be kept seperated from these space. Erection of lockable full height hoardings, local maintenance/work space barriers and utilising the lockable motor room space will prevent opportunifor interface between operatives and office staff. Contractor to prepare a provide Risk Assessments and Method statements for the extent of the specific works. Access to the work areas will be restricted and controlled by contractor for the duration of the works. | | | | | | | | pt seperated from these spaces. local maintenance/work space in space will prevent opportunities staff. Contractor to prepare and ents for the extent of the specified | | | |
| | | Severity | | | | Risk Calculator with controls in place | | | | | |
| | | Slightly Harmful | Harmful | Very Harmful | | Very Harmfo | ul | ▼ × Highly Unlikely ■ = 3 | | | |
| d | Highly Unlikely | 1 | 2 | 3 | | 1 - 2 | Low | No further action necessary. Monitor to ensure controls are maintained. | | | |
| kelihoo | | | | | | | | | | | |
| ikelihoo | Unlikely | 2 | 4 | 6 | | 3 - 4 | Mid | Efforts should be taken to reduce risk but costs of prevention considered. | | | |
| Likelihood | Unlikely | 2 | 4 | 9 | | 3 - 4 6 - 9 | Mid High | | | | |

| | Client: | Environment Agency Risk Ref: 01C000592/8 | | | | | | | | | | | |
|---|--------------------|--|--|-----------------|------|--------------|---------|--|--|--|--|--|--|
| | Project: | Lift refurbishment scheme at Rivers House, East Quay, Bridgwater, Somerset TA6 4YS | | | | | | | | | | | |
| | Risk: | Disturbar Works | Disturbance of Asbestos Containing Materials(ACM'S) During Works | | | | | | | | | | |
| Ris | k Details: | ACM evi | dent with | in buildin | g. F | Risk to ope | erative | s, public and workforce. | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | Severity | T | | | | Risk Calculator | | | | | |
| | | Slightly Harmful | Harmful | Very Harmful | | Very Harmful | | ▼ × Unlikely ■ = 6 | | | | | |
| Likelihood | Highly Unlikely | 1 | 2 | 3 | | 1 - 2 | Low | No further action necessary. Monitor to ensure controls are maintained. | | | | | |
| | Unlikely | 2 | 4 | 6 | | 3 - 4 | Mid | Efforts should be taken to reduce risk but costs of prevention considered. | | | | | |
| | Likely | 3 | 6 | 9 | | 6 - 9 | High | Urgent efforts to reduce risk, consider whether work should be started or continued. | | | | | |
| Controls: Asbestos register kept on site(to be provided). Contractor to review be commencing works. At this stage no known ACM's within work ar Contractor to review register and develop procedures in H&S Plan in the exact ACM's are discovered etc. Contractors to ensure the appropriate Asbes awarness training has been provided for its site staff. | | | | | | | | own ACM's within work areas. ocedures in H&S Plan in the event ensure the appropriate Asbestos | | | | | |
| | | Severity | | | | Ris | k Calc | ulator with controls in place | | | | | |
| | | Slightly Harmful | Harmful | Very Harmful | | Very Harmfu | اد | ▼ × Highly Unlikely ▼ = 3 | | | | | |
| Likelihood | Highly Unlikely | 1 | 2 | 3 | | 1 - 2 | Low | No further action necessary. Monitor to ensure controls are maintained. | | | | | |
| | Unlikely | 2 | 4 | 6 | | 3 - 4 | Mid | Efforts should be taken to reduce risk but costs of prevention considered. | | | | | |
| 7 | Likely | 3 | 6 | 9 | | 6 - 9 | High | Urgent efforts to reduce risk, consider whether work should be started or continued. | | | | | |
| | | | | | | | P | Acceptable? Yes ▼ | | | | | |
| Comments: | | | | | | | | | | | | | |