| **Item** | **Inspection / Test / Approval Point and**  **Acceptance Criteria** | **Inspection / Test Method / Specification / Guidelines / Reference Drawings** | **Level of Inspection** | **PINNACLE**  **(Name & Signature)**  AUSTIN LANGRIDGE unless otherwise noted | **Date** | **Comments** |
| --- | --- | --- | --- | --- | --- | --- |
| 1 | **Set out** |  |  |  |  |  |
|  | * Reflected ceiling plans current revisions checked and ceiling set out completed as per the current plans | RCP’s | Hold Point |  |  |  |
| 2 | **Construction Generally** |  |  |  |  |  |
|  | * Install & fix to prevent looseness or rattling of ceiling components * Install the ceiling to allow for differential movement at abutting surfaces |  | Inspection Point |  |  |  |
| 3 | **Suspension system** |  |  |  |  |  |
|  | * Provide suspension system and workmanship as per supplier installation guides. * Provide additional back support or suspension members to prevent distortion, overloading or excessive vertical deflection. * Ensure that the failure of any one suspension point does not cause a progressive failure of the ceiling. * Where applicable, provide height adjustment with a length adjustment device at each suspension point. | Rondo specification and design manual | Inspection Point |  |  |  |
|  | * Services: Do not fix to the installed services. Where services obstruct the ceiling supports, provide bridging and suspension on each side of the services. |  | Inspection Point |  |  |  |
|  | * Uplift: Suspension system and framing to resist uplift. * Tolerances: Flatness, twist, winding and bow: 1.5mm deviation from a 1.5m straightedge places in any position | Rondo specification and design manual | Inspection Point |  |  |  |
| 4 | **Hold Point** |  |  |  |  |  |
|  | * Suspension system completed – Ready for installation of ceiling tiles, lining and panels. * Confirm all service trades are complete & ready for closing in of ceilings. |  | Inspection Point |  |  |  |
| 5 | **Ceiling Lining** |  |  |  |  |  |
|  | * Provide board lining to a finish and workmanship as per supplier installation guides. * Fit accurately and neatly, without distortion and free from air leakage and staining. * Set out patterned or heavily textured materials with a consistent direction of pattern or texture. * Cut ceiling unit edges: conceal, or finish to match prefinished edges. * Multiple sheet layers to fire rated and acoustic rated elements: Fill & flush up all joints on each layer and caulk up perimeters and penetrations before commencing succeeding layers. Stagger all sheet joints by minimum 200mm. | Rondo specification and design manual  CSR / Knauf design manual | Inspection Point |  |  |  |
|  | * Board joints support: Provide framing parallel to the joint on each side. Do not fix the lining to abutting building surfaces * Flush joints: Provide recessed edge sheets and finish flush using perforated paper reinforcing tape. Locate & position joints to intersect light fixtures, vents or air diffusers. |  | Inspection Point |  |  |  |
|  | * Tolerances: Suspension system bearing surface for flush lined ceiling to AS/NZS 2589 * Levelness: Max tolerance of ±5mm relative to the documented height datum for the ceiling in each room or space. |  | Inspection Point |  |  |  |
|  | * Trims & accessories: Provide trims at junctions with other building elements and surfaces, including walls, beams and penetrations. |  | Inspection Point |  |  |  |
| 6 | **Control joints** |  |  |  |  |  |
|  | * Align ceiling control joints with the structural control joints. Do not bridge structural control joints. * Provide purpose made PVC control joint beads where documented. * Provide framing parallel to the joint on each side. * Plasterboard lining: 12m centres * Fibre cement lining: 7.2m centres |  | Inspection Point |  |  |  |
| 7 | **Bulkheads** |  |  |  |  |  |
|  | * Integrate bulkheads with the ceiling structure and brace to prevent lateral movement. Where ceiling is terminated at the bulkhead, provide for seismic requirements |  | Inspection Point |  |  |  |
| 8 | **Tolerances** |  |  |  |  |  |
|  | * Flatness, twist, winding and bow: Maximum 1.5mm deviation from a 1.5m straightedge |  | Inspection Point |  |  |  |
| 9 | **Acoustic installation** |  |  |  |  |  |
|  | * Where documented, place acoustic batts on top of ceilings system and butt to each other and to partitions. * Tightly butt and trim neatly around services items and other items. | RCP’s | Inspection Point |  |  |  |
| 10 | **Smoke baffles and acoustic baffles** |  |  |  |  |  |
|  | * Provide approved smoke and acoustic baffles where required | CSR / Knauf design manual | Inspection Point |  |  |  |
| 11 | **Additional checks for fire-protective board lining** |  |  |  |  |  |
|  | * Check the fire resistance levels on RCP | CSR / Knauf design manual | Inspection Point |  |  |  |
|  | * Fixings: Direct to concrete elements and to purpose made steel framing | CSR / Knauf design manual | Inspection Point |  |  |  |
|  | * Penetrations: Seal penetrations in the board lining to maintain the integrity of the required fire resistance level including suspended ceiling hangers and suspension systems for services. | CSR / Knauf design manual | Inspection Point |  |  |  |
|  | * Board perimeter: Provide fire sealant and trims at junctions with other building elements and surfaces, including walls, beams and penetrations to maintain the required fire resistance levels. | CSR / Knauf design manual | Inspection Point |  |  |  |
| 12 | **Access panels** |  |  |  |  |  |
|  | * Match the access panels to the ceiling in appearance and performance * Provide access panels supported and anchored to permit ready removal and refixing |  | Inspection Point |  |  |  |
|  | * Provide fire rated and acoustic rated panels where documented or where required to maintain the designated rating of the ceiling element |  | Inspection Point |  |  |  |