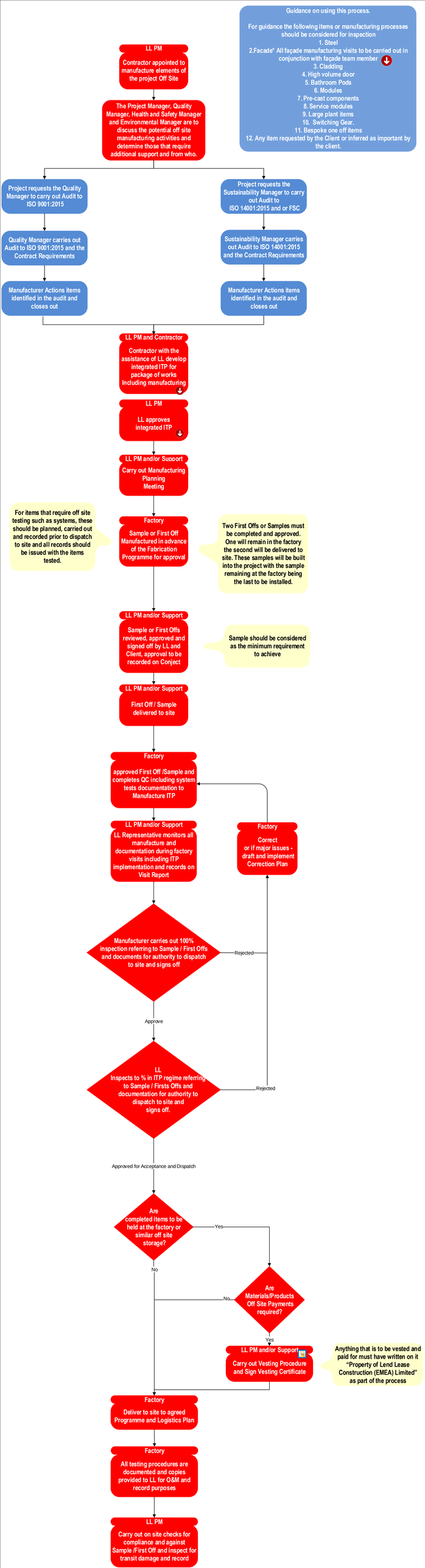
Guidance on using this process.
For guidance the following items or manufacturing processes should be considered for inspection
1. Steel
2.Facade* All façade manufacturing visits to be carried out in conjunction with façade team member
3. Cladding
4. High volume door
5. Bathroom Pods
6. Modules
7. Pre-cast components
8. Service modules
9. Large plant items
10. Switching Gear.
11. Bespoke one off items
12. Any item requested by the Client or inferred as important by the client.
LL PM
Contractor appointed to manufacture elements of the project Off Site
The Project Manager, Quality Manager, Health and Safety Manager and Environmental Manager are to discuss the potential off site manufacturing activities and determine those that require additional support and from who.
Project requests the Quality Manager to carry out Audit to ISO 9001:2015
Quality Manager carries out Audit to ISO 9001:2015 and the Contract Requirements
Manufacturer Actions items identified in the audit and closes out
Project requests the Sustainability Manager to carry out Audit to ISO 14001:2015 and or FSC
Sustainability Manager carries out Audit to ISO 14001:2015 and the Contract Requirements
Manufacturer Actions items identified in the audit and closes out
LL PM and Contractor
Contractor with the assistance of LL develop integrated ITP for package of works Including manufacturing
LL PM
LL approves integrated ITP
LL PM and/or Support
Carry out Manufacturing Planning Meeting
For items that require off site testing such as systems, these should be planned, carried out and recorded prior to dispatch to site and all records should be issued with the items tested.
Factory
Sample or First Off Manufactured in advance of the Fabrication Programme for approval
Two First Offs or Samples must be completed and approved. One will remain in the factory the second will be delivered to site. These samples will be built into the project with the sample remaining at the factory being the last to be installed.
LL PM and/or Support
Sample or First Offs reviewed, approved and signed off by LL and Client, approval to be recorded on Conject
Sample should be considered as the minimum requirement to achieve
LL PM and/or Support
First Off / Sample delivered to site
Factory
approved First Off /Sample and completes QC including system tests documentation to Manufacture ITP
LL PM and/or Support
LL Representative monitors all manufacture and documentation during factory visits including ITP implementation and records on Visit Report
Factory
Correct or if major issues - draft and implement Correction Plan
Manufacturer carries out 100% inspection referring to Sample / First Offs and documents for authority to dispatch to site and signs off
Rejected
Approve
LL
Inspects to % in ITP regime referring to Sample / Firsts Offs and documentation for authority to dispatch to site and signs off.
Rejected
Approved for Acceptance and Dispatch
Are completed items to be held at the factory or similar off site storage?
Yes
No
Are Materials/Products Off Site Payments required?
No
Yes
LL PM and/or Support
Carry out Vesting Procedure and Sign Vesting Certificate
Anything that is to be vested and paid for must have written on it "Property of Lend Lease Construction (EMEA) Limited" as part of the process
Factory
Deliver to site to agreed Programme and Logistics Plan
Factory
All testing procedures are documented and copies provided to LL for O&M and record purposes
LL PM
Carry out on site checks for compliance and against Sample /First Off and inspect for transit damage and record