

Integrated System Test (IST)

Subsystem Integration Checklist & Punch Tracker

Confirm every subsystem is integrated and tested together under real-world and emergency conditions, then track and sign off.



Also available digitally
This checklist can also be completed on a **phone, tablet or PC** in flowdit. Add photos, notes and actions to each item, and generate the report automatically.
[Scan to open · flowdit.com](https://flowdit.com)

Project / building		Date	
Cx lead		Scenario	

Subsystems integrated & tested	Pass	Fail	N/A	Notes
Individual systems fully functional before test (prerequisites)				
Visual walkthrough of all components completed				
Safety checks: cable terminations, dampers, fail-safes, alarms				
HVAC, lighting and BMS interact as designed				
UPS responds and sends an alarm on power loss				
BMS / SCADA notified and initiates actions				
Backup generator starts before UPS drains				
Emergency lighting turns on				
Critical systems stay running, non-critical stay off				
All systems return to normal after power is restored				

Punch list — open items

Severity: C = Critical, M = Major, L = Minor

#	Open item / defect	Sev.	Owner	Due	Status
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					

Acceptance decision

Rule: IST is not accepted while any Critical (C) item stays open.

Open Critical (C): _____ Open Major (M): _____ Open Minor (L): _____

Outcome: ☐ Accepted ☐ Accepted with punch list ☐ Rejected

Cx lead

Owner representative

Name / Signature / Date

Name / Signature / Date