

# Automated Guided Vehicle (AGV) Self Assessment



AGVs or SDVs are often used instead of forklifts to reduce the number of safety incidents, improve material flow, and reduce site operating costs. Implementing these solutions requires a well thought-out plan so projects are completed under budget and on-time. This self assessment scorecard aids engineers at end-users in determining risk, complexity and change management opportunities (people, processes and tools) and should be completed while speaking with a JMP Subject Matter Expert.

Please rank your responses on the next page from 1-5 with 1 representing strongly disagree and 5 being strongly agree.

**Scoring:**

**40-50:** You're well in control of your process. Let us know if we can help in the future.

**35-39:** Room for cost reducing process efficiency improvements. Call JMP to help.

**10-34:** High degree of process inefficiency and operational risk factors. Call JMP to help.

	1	2	3	4	5
1. Is your plant floor environment free of forklift and pump truck traffic and congestion?	1	2	3	4	5
2. Are the pickup to drop-off routes clearly defined, marked and followed in order to reduce delivery delays, plant floor bottlenecks and safety related concerns?	1	2	3	4	5
3. The potential for human-error related delivery issues where the improper component or part number could be delivered and improperly tracked or traced is low.	1	2	3	4	5
4. Is there positive tracking and inventory management of parts as they are delivered?	1	2	3	4	5
5. Are parts adjusted into your ERP system to reflect the most recent raw material inventory scenario once they are removed from stock?	1	2	3	4	5
6. Are labour resources dedicated to material movement (forklift operators, etc) fully utilized in order to minimize variable production costs even during non-peak production periods?	1	2	3	4	5
7. Do your lifts and trucks contribute to a healthy working environment and atmosphere (noise, air quality, etc) for your employees?	1	2	3	4	5
8. Operator safety training, re-certification, turnover or vehicle maintenance costs of aging material movement vehicles do not have a significant impacting your maintenance and / or operating budget?	1	2	3	4	5
9. Are there stressful ergonomic factor or EH+S risks associated with the loading and unloading of components at the stocking point and assembly line / drop-off points respectively?	1	2	3	4	5
10. Contingency plans are in order to run at full capacity in the case of an operator not being able to make it to perform their duty for any reason.	1	2	3	4	5

**TOTAL SCORE:** \_\_\_\_\_

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Assessment

