SCRAP MANAGEMENT PROCESS SURVEY

1) You currently report scrap events

   By Shift ❏   Daily ❏ Weekly ❏   Monthly ❏   Annually ❏   Never ❏

2) You capture scrap event data via:

   Paper logs ❏   Non conforming part tags ❏   Bar code scans ❏   don't capture ❏

3) The scrap data you have goes back:

   One quarter ❏   Six months ❏ One year ❏   Two years + ❏   don't have any ❏

4) Do you trust the scrap data you have?

   Trust it highly ❏   somewhat ❏   not at all ❏   don't have any ❏

   Briefly elaborate if you did not answer "Trust it highly"_____

5) Assuming you record scrap, what is the value you claimed last year on your books?

   < $500,000 ❏ $501K - $1,000,000 ❏   +$1,000,000 ❏ don't know ❏

6) How often do you run PARETO studies on your scrap data?

   Weekly ❏   Monthly ❏   Quarterly ❏   every six months ❏   yearly ❏   we don't ❏

7) Which root cause do you believe contributes mostly to your scrap?

   Materials ❏   Methods ❏   Manpower ❏   Machinery ❏

8) Check the categories that your scrap reports contain (check all that apply)

   Date scrapped❏   Part # ❏   Cost ❏   #pieces scrapped ❏   machine ❏

   Operator# ❏   raw material# ❏   defect code ❏   operation ❏   cost center charged ❏

   Cost center found ❏   rework ❏   supervisor sign off ❏   date input to system ❏   other ❏

9) Trigger points for Corrective Actions are:

   Center specific ❏   Plant specific ❏ don't have Corrective Actions ❏   don't have triggers❏

10) What feedback is given to operators when scrap is incurred?

   Supervisor investigates ❏   Short term solution installed ❏

   Long term solution plan is written ❏   nothing happens ❏

11) How do you tie cost to a scrap event?

   Legacy system (SAP, ORACLE, AS400, OTHER) ❏ _____ don't tie cost in ❏

12) Who keys in scrap data onto your system?

It is scanned ❑ a clerk in accounting ❑ the shift supervisor ❑   no system ❑

13) Who manages scrap reduction at your facility?

Accounting ❑　　　　Operations Manager ❑ Plant Manager ❑　　　Quality ❑　　　no one ❑

14) What software do you use to produce your scrap reports?

Legacy system (SAP, ORACLE, other) ❑ MS EXCEL ❑　　MS ACCESS ❑ don't report ❑

15) How long after a scrap event do you receive a corrective action with time-bound plans?

< 24 hours ❑　　　　1 – 2 days later ❑　　　　　1 week later ❑ never ❑

16) How often do you analyze trends in scrapped parts?

Weekly ❑　　Monthly ❑　　Quarterly ❑　every six months ❑ yearly ❑ don't ❑

17) How often do you follow up on short term corrective plans? (Maintenance work orders, design changes, material substitutions, operator training, etc.)

Weekly ❑　　Monthly ❑　　Quarterly ❑　every six months ❑　　yearly ❑ we don't ❑

18) At what level does upper management (Plant Manager) get involved in scrap?

High dollar scrap event❑　　　weekly team meeting❑　　　almost never❑ daily❑

19) Scrapped parts are sorted by type and placed in material specific salvage dumpsters:

Always❑　　Some of the time❑　　Almost never❑　　　never❑

20) Scrapped parts are weighed and salvage company checks are reconciled

Weekly ❑　　Monthly ❑　　Quarterly ❑　every six months ❑　　yearly ❑ we don't ❑

PLEASE RETURN YOUR COMPLETED SURVEY TO: RON@MACKLINCONSULTING.COM or FAX: 1.312.803.2270

- Based on the answers in this survey, we would ascertain the modules that are missing in the client's scrap reduction program. We would then be able to ascertain the number of weeks we would need to implement our scrap reduction program at their facility.
- Some of the modules could be installed by the client themselves (such as scrap logs and defect codes).
- Other modules would need our on-site intervention (such as database creation – including tables, table connections with client's current systems, creation of queries, creation of reports, creation of forms and macros specific to the client's operations and nomenclature).
- Other modules could be provided to the client in form of documented manuals for them to administer on their own after our system is installed (Root Cause Training Manual with client specific scrap data gathered during several months of the system's use).