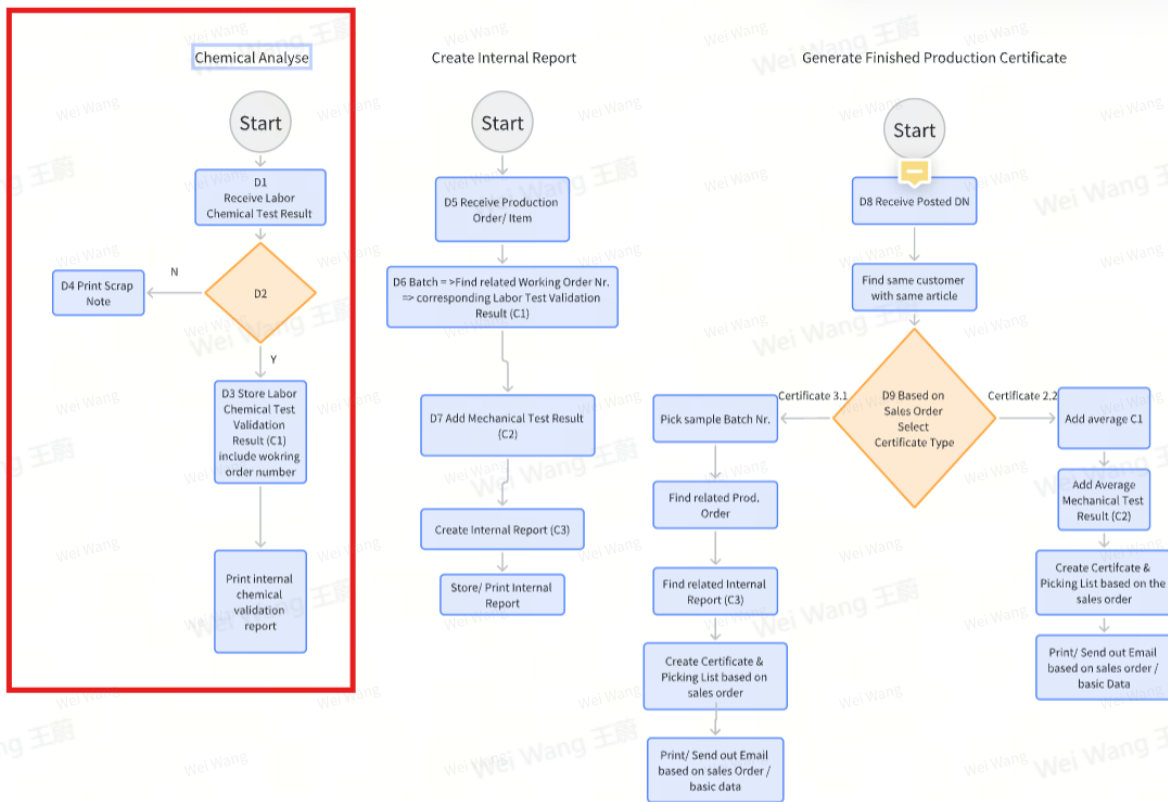


# Data Processing



## Data processing in the red highlighted part: Chemical Analyse

Incoming Data: Data comes from chemical labor results (excel)

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
ANALISI	CODCAR	DATANS	CODANALI	CODFORN	FORNO	CODDIAF	DIAMETR	CODLEGA	LEG-CU	PB	SN	FE	NI	AL	ZN	AS	SI	SB	P	CD	MN	NOTA
442311 Y		2/7/2024 22:07	42311	4	Induga	00001	410 mm	001	N17	57.80	1.88	0.24	0.29	0.07	0.00	39.59	0.00	0.00	0.00	0.01	0.00	0.01
442312 Y		2/7/2024 23:36	42312	4	Induga	00001	410 mm	001	N17	57.81	1.89	0.24	0.29	0.07	0.00	39.66	0.00	0.00	0.00	0.01	0.00	0.01
442313 Y		2/8/2024 1:04	42313	4	Induga	00001	410 mm	001	N17	57.78	2.01	0.24	0.29	0.07	0.00	39.58	0.00	0.00	0.00	0.01	0.00	0.01
442314 Y		2/8/2024 2:17	42314	4	Induga	00001	410 mm	001	N17	57.71	2.10	0.24	0.30	0.07	0.00	39.56	0.00	0.00	0.00	0.01	0.00	0.01
442315 Y		2/8/2024 3:29	42315	4	Induga	00001	410 mm	001	N17	57.64	2.07	0.23	0.30	0.07	0.00	39.66	0.00	0.00	0.00	0.01	0.00	0.01
442316 Y		2/8/2024 4:35	42316	4	Induga	00001	410 mm	001	N17	57.67	2.05	0.24	0.30	0.08	0.00	39.64	0.00	0.00	0.00	0.01	0.00	0.01
442317 Y		2/8/2024 6:40	42317	4	Induga	00001	410 mm	001	N17	57.53	2.04	0.24	0.30	0.08	0.00	39.78	0.00	0.00	0.00	0.01	0.00	0.01
442318 Y		2/8/2024 7:20	42318	4	Induga	00001	410 mm	001	N17	57.61	2.06	0.24	0.30	0.08	0.00	39.66	0.00	0.00	0.00	0.01	0.00	0.01
442319 Y		2/8/2024 8:00	42319	4	Induga	00001	410 mm	001	N17	57.70	2.02	0.24	0.30	0.08	0.00	39.62	0.00	0.00	0.00	0.01	0.00	0.01
442320 Y		2/8/2024 9:33	42320	4	Induga	00001	410 mm	001	N17	57.62	1.91	0.24	0.30	0.08	0.00	39.80	0.00	0.00	0.00	0.01	0.00	0.01

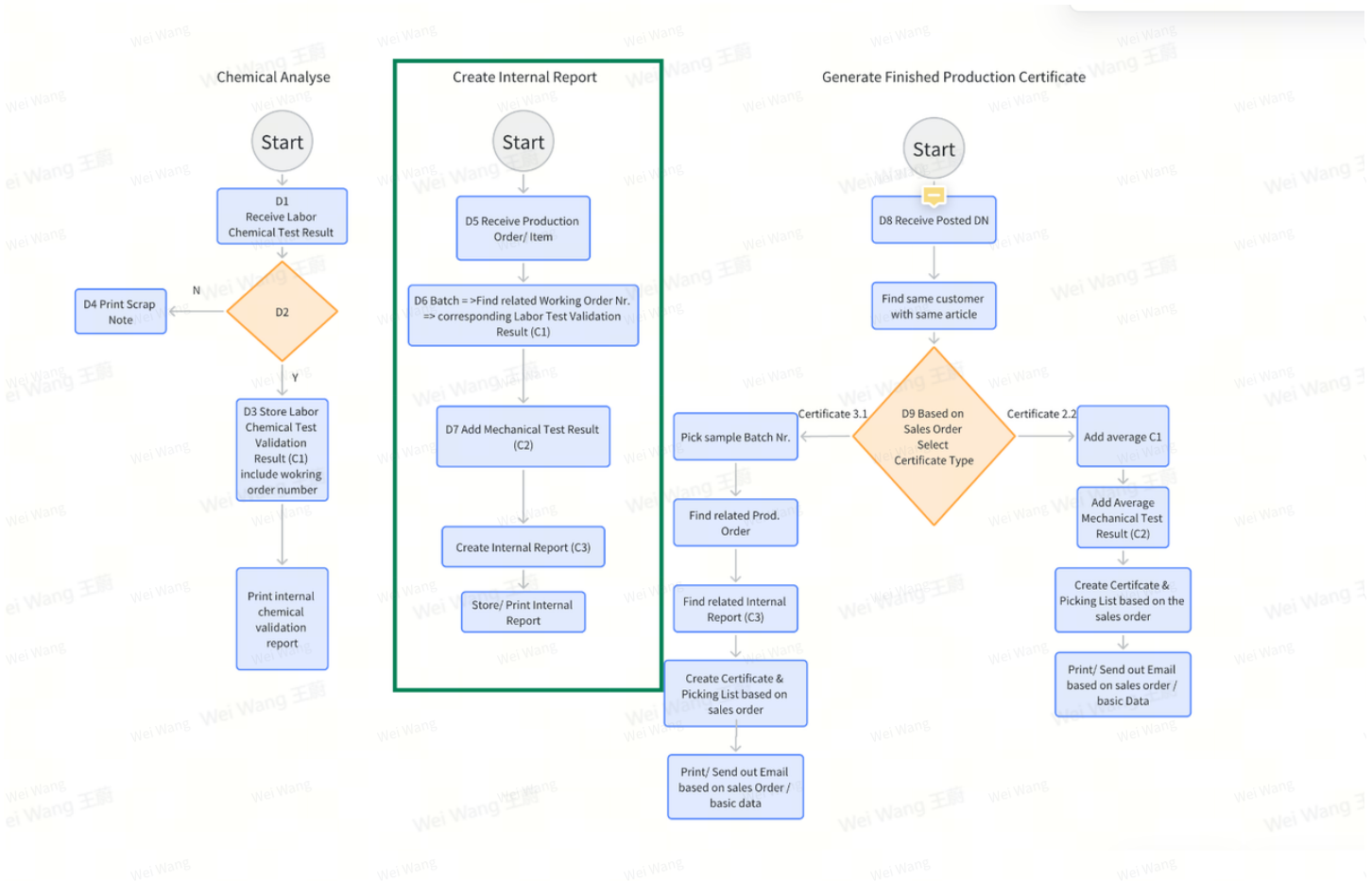
Processing Data:

1. Data coming from chemical labor result (are available in oracle table) saving in system include working order number, oracle table, chemical labor, internal possibility, in the old system the working order number are not imported yet at this step.
2. Validation of the chemical labor result according to the rules (masterdata)

Outcoming Data:

Validation Results

1. Scraped note
2. Well validated (validated chemical analyse results)



## Data processing in the green highlighted part: Create Internal Report

Incoming Data:

1. Production order with item (batch number e.g. S7104067) coming from SAP
2. S7 is the name of the machine, the scale of the machine, 104067 the number of the bundle, article code 6003429, the number of the production order number 11014367, 80 is the item of the production order, 8304 the guy of the producing, 1001 is the kilo the unit measure, 146221 is the working number

FCollo\_Aggr

Collo COLLI PESATI **S7104067** Collo MOVHOST Aggregazione Conferma di Vendita Voce Conferma Annulla

PRGMOV	CODREC	DTMOV	ORAMOV	CAUSALE	UDC	RICHPREL	RIGA	ARTICOLO	APFDES	TIPOCONF	TIPOUDC	LOTTO	ATTRAN1	ATTRAN2	QUANTITA	PESO
10756276	75	2025-04-28	13.25.21	E	S7104067			6003429	R.DR.20,00AX3000.S14.M.LC/SC.B		0000304					1001

COLLI RICH SPED

UDC	ARTICOLO	APFDES	RICH	LOTTOFRE	CLIENTE	RAGSOC	DESTINAZ

Easymag Localione

UDC	STATO	UDCOUT	UDCCONT	LOC	MAG	FORMATO	NORMALE	POSIZIO	TIPOUDC	TIPO	TARA	NETTO	LORDO	ALTEZ	LARGH	LUNGH	INS

Colli Pesati

BASCULA	N_COLLO	C_ART	E_ARTBRE	N_CONF	N_VOCE	C_TURNO	C_PERS	KG	Q_LIMV	TARA	ANAL	SI	NUMLAVO	MARCA
S7	104067	6003429	R.DR.20,00AX3000.S14.M	11014367	80	T03	8304	1001	1001	0			146221	

Saveplan

SVPID	NO_LANCEMENT	NO_OF	COMMANDENUMERO	COMMANDELIGNE	ARTICLECODE	COIL_STRAIGHT	ARTICLEINDICE	QTE_AFFECTEE
314104	RG146221	OF292275	11014367	80	6003429	MA	00	25000
314104	RG146221	OF292275	11014367	80	6003429	MA	00	25000

Dati\_Pressa

C_PRESSA	IDBILLET	RAGGRUPPAMENTO	C_LEGA	C_ARTICOLO	APFDES	C_FORMA	DIMFINITO	NBILLETTE	NBILLETTEENTRATE	NBILLETTEUSCITE
PR4000	4903961058	RG146221	S14	6003429	R.DR.20,00AX3000.S14.M.LC/SC.B	RND	20,000	15	20	20
PR4000	4904873058	RG146221	S14	6003429	R.DR.20,00AX3000.S14.M.LC/SC.B	RND	20,000	15	20	20
PR4000	4904125060	RG146221	S14	6003429	R.DR.20,00AX3000.S14.M.LC/SC.B	RND	20,000	15	20	20
PR4000	4886892065	RG146221	S14	6003429	R.DR.20,00AX3000.S14.M.LC/SC.B	RND	20,000	15	20	20
PR4000	4905233058	RG146221	S14	6003429	R.DR.20,00AX3000.S14.M.LC/SC.B	RND	20,000	15	20	20

Dati Analisi

CODFORNO	CODANALISI	ANNO	DATAINS	CODLEGAQ	DESCRIZIONE	CODDIAM	DESCRIZIONE_1	NBARRE	CODLING1	CODLING2	CODLING3
4	46567	2025	10/04/2025 03:21:31	002	S14	00001	410 mm	4	00405	00405	00405

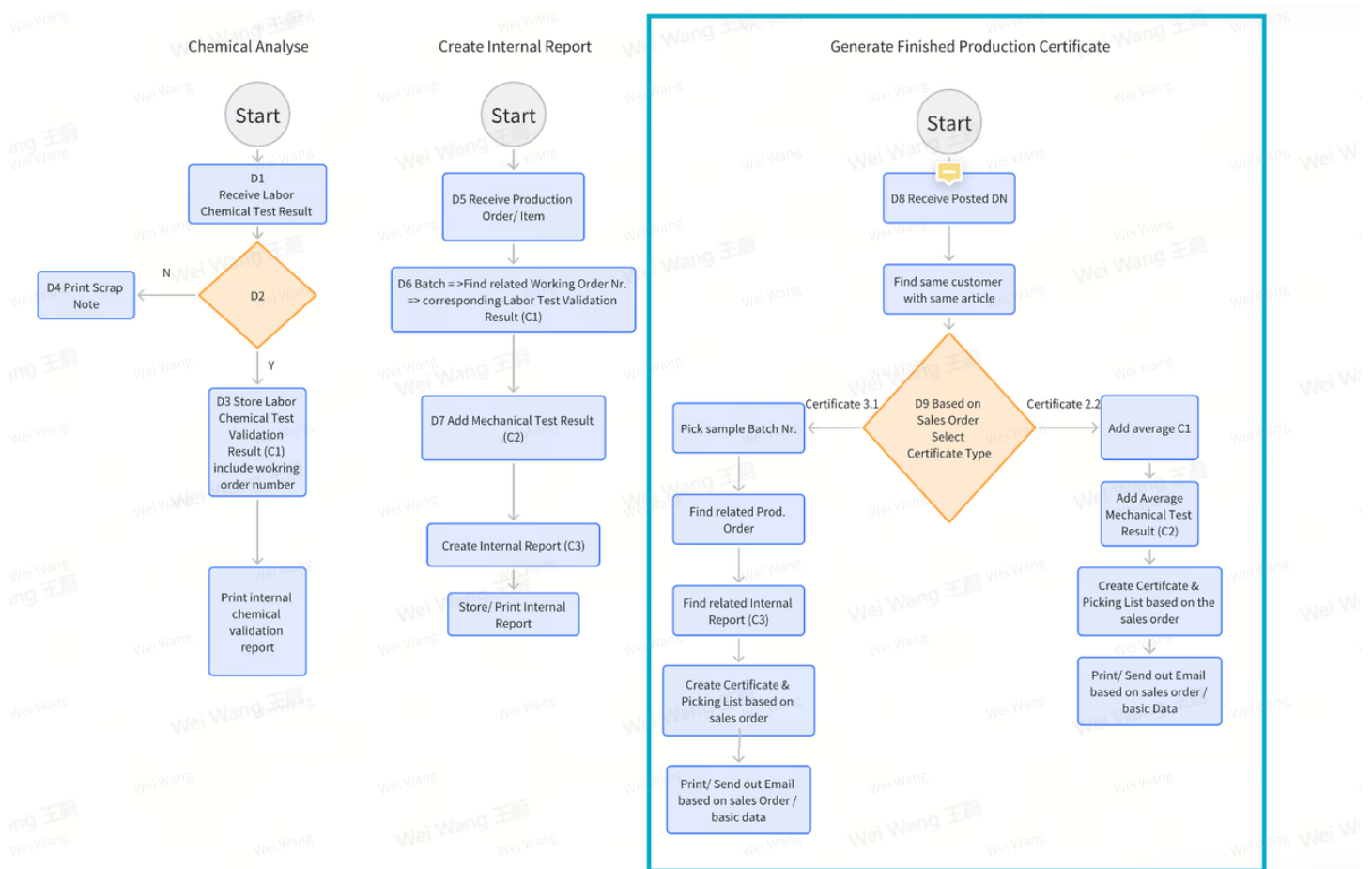
### 3. Manually added mechanical test results,

#### Processing Data:

1. Locate the corresponding chemical analyse number, production order=> batch number=> working order number => chemical analyse number
2. Data coming from mechanical labor result (manually added) saving in system
3. Validation of the mechanical labor result according to the rules (masterdata)

#### Outcoming Data:

1. Internal Report (Before adding the mechanical test results), at this moment the report is unfinished, should be printed and hand over to the mechanical test colleague
2. Internal Report (After adding the mechanical test results), store the report, the report should be printable.



## Data processing in the blue highlighted part: Generate Finished Production Certificate

Incoming Data:

1. Posted DN number from SAP
2. Certificate type (3.1/2.2) based on sales order from SAP

Processing Data:

Option 1

1. Under one customer/one article
2. If the certificate requirement is 3.1, sample one batch number, locate the internal report, create certificate and picking list based on sales order
3. Print/ Sending out Email based on sales order/basic data

Option 2

1. Under one customer/one article
2. If customer requires 2.1, average the chemical analyse results/ mechanical analyse result, create certificate and picking list based on sales order
3. Print/ Send out Email based on sales order/basic data