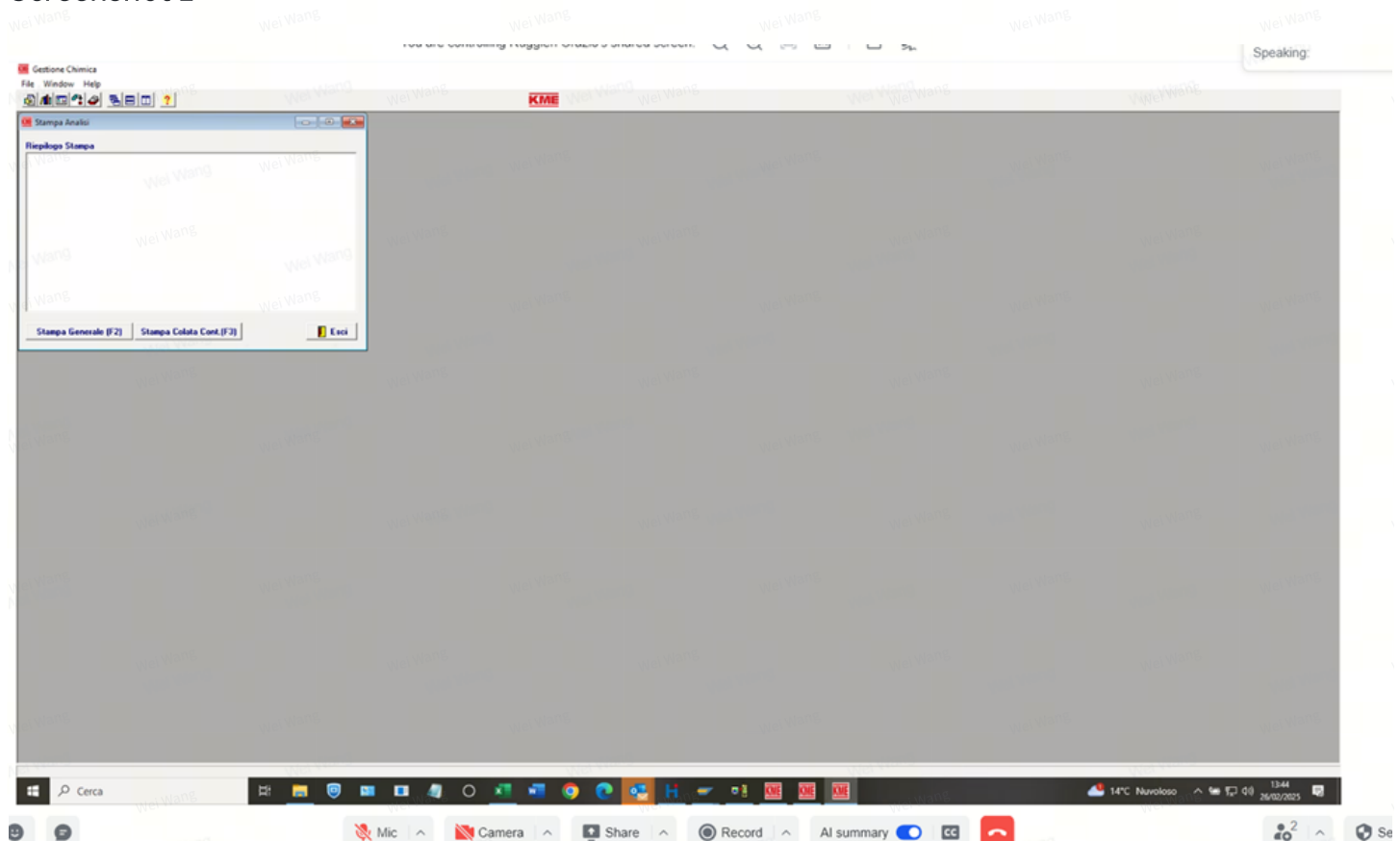# Old App Screenshot

Chemical Analyse

IMPORT ANALYSIS FROM LAB DEVICE/

We need import button to import lab file

Button (gerneration): imported and validted the imported labor chemical data

Screenshot 1

After Clicking the generation button , then the new chemical result will be imported and validated by the rule (masterdata), all the data import successfully (key=> analyse number) will be stored in the database, import failed should be imported again by system button (generation button)
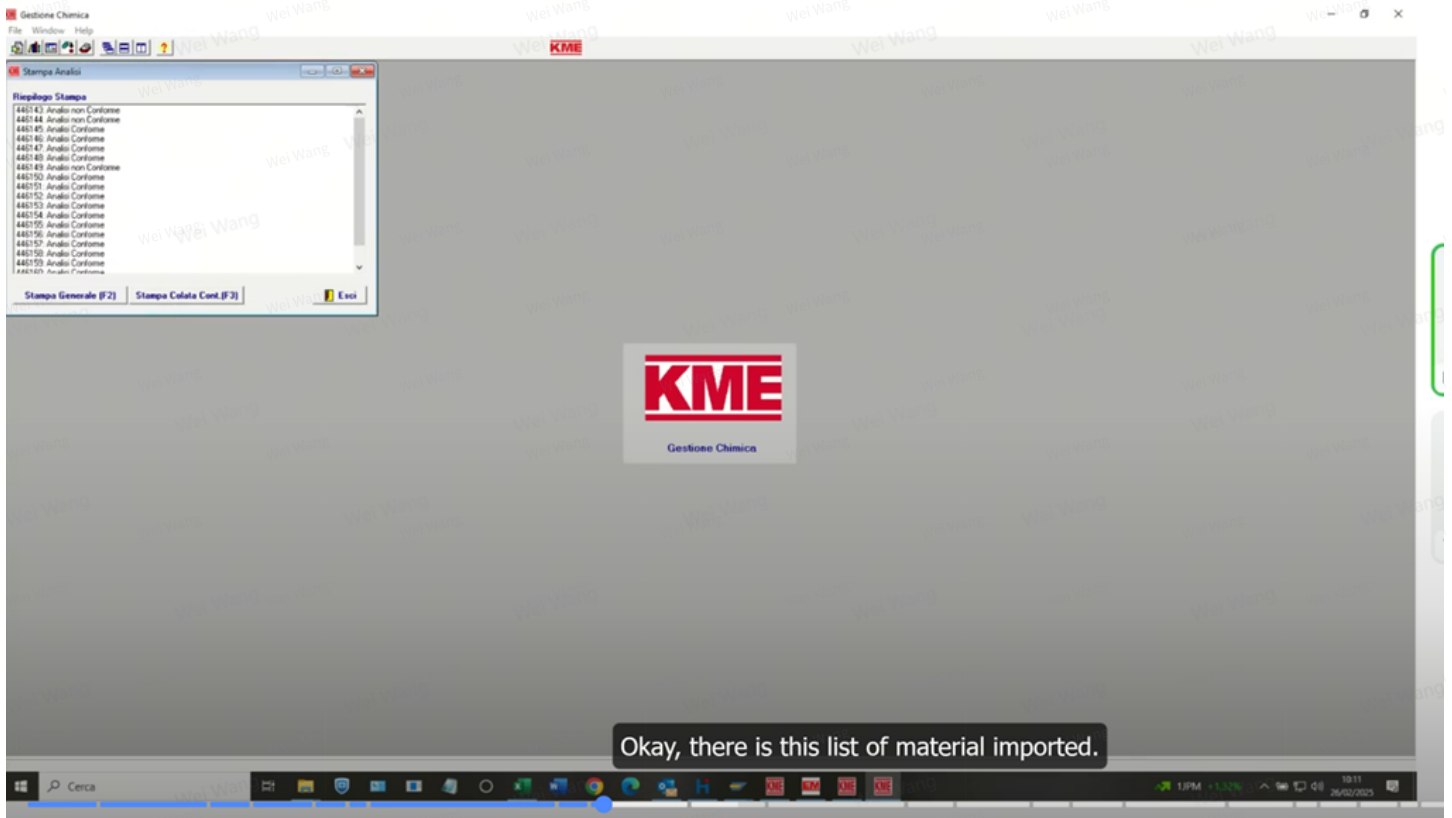
Confirmed: Data import successfully, data validated postively

Not Confirmed: Import failed\ validation failed

Then the new labor data will be imported, the new interface display each line (imported successfully or not)

Button (exit),

Button (validation results)

Validation results, only shows NOT confirmed Lines by the rule - some analysis needs to be double checked because NOT confirmed

Sheet 1 (validation of labor data), shows all the labor data with detailed info

Button (F2 Modify) go to modify module of the line

After clicking the F2, jump to Modify module of the line (Sheet 2)

Not validated feild will be shown in red

4

if the cursor is positioned over the red field, the limit of the standard appears (will be shown in red if failed in any rules)

We could change the alloy manually with drop down list (Lega Fonderia)

Button (revalidation after changing)

Button confirm : only be availuable with no red field

Button scrap

manual value modification to be accepted

7

Double confirm the validation results

STANDARDS CHECKING (what element / Standards is NOT CONFORM) Before modification/validation

Detailed overview of the validation results with detailed rules info.

In this interface, one alloy can have many rules, if one value failed during verification, the value shoule be put in red, the below will give you a overview of all rules.

F5 back to screenshot 3, F7 back to screenshot6, F8 scrap, F3 confirm

- Validated chemical results (all chemical analysis validated which are available to be used in internal report / FG certificate), later is it better to also record the scrapped chemical results by different status?

- We will design a button for going this UI (validate and results)

Could be filtered with (status/ year/ analyse number/ alloy code)

Button (read analyse F2) : check the analyse content, back to screenshot 9

Button (F3 Print) NO Need

Button F4 Delete the confirmed or scrapped entry

Button F5 export analyse report in pdf format

10

INTERNAL REPORT

Production Order number/ Item click confirm button, the detailed article info will be shown below

Customer code /client/ Due date

Article code/ description of the article

type/ internal alloy code/internal specification form

Metal alloy/ dimensional standard update/ demensional standard number

standard/ standard number/ material specification form

Button confirm\ exist

Button at bottom: generation \ cancel operation

11

- PRODUCTION ORDER/LINE Enter (ORDER DATA SHOWED AUTOMATICALLY)
- 12

- After Giving Production order number, system find out the WORKING Order NUMBER as well as chemical ANALYSIS number , (in Oralce database, there is the link between production order and working order and chemical analysis number)
- After clicking generation, (create internal report in system) jump to screenshot 15
- You can also click button cancel operation
- 13

e.g. How to use production order/ item line => search for the working order number and chemical analyse number accordingly in the oracle table.

14

FCollo_Aggr

| Collo COLLI PESATI | | Collo MOVHOST | | Aggregazione | | Cod. Articolo | | Conferma | 11014134 | Voce | 10 | Conferma | Annulla |

MOVHOST

PRGMOV	CODREC	DTMOV	ORAMOV	CAUSALE	UDC	RICHPREL	RIGA	ARTICOLO	APFDES	TIPOCONF	TIPOUDC	LOTTO	ATTRAN1	ATTRAN2	QUANTITA	PESO

COLLI RICH SPED

UDC	ARTICOLO	APFDES	RICH	LOTTOPRE	CLIENTE	RAGSOC	DESTINAZ

Easymag Locazione

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_UMV	TARA	ANALISI	NUMLAVO	MARCA
S9	102695	6003507	R.EX. 26,00BX3000.N17 .M .	11014134	10	T02	7964	767	767	0		146146	
S9	102687	6003507	R.EX. 26,00BX3000.N17 .M .	11014134	10	T02	7964	503	503	0		146146	
S9	102683	6003507	R.EX. 26,00BX3000.N17 .M .	11014134	10	T02	7964	1009	1009	0		146146	

Saveplan

SVPID	NO_LANCEMENT	NO_OF	COMMANDENUMERO	COMMANDELIGNE	ARTICLECODE	COIL_STRAIGHT	ARTICLEINDICE	QTE_AFFECTEE
313938	RG146146	OF292125	11014134	10	6003507	MA	00	25000
313938	RG146146	OF292125	11014134	10	6003507	MA	00	25000

Dati_Pressa

C_PRESSA	IDBILLETTA	RAGGRUPPAMENTO	C_LEGA	C_ARTICOLO	APFDES	C_FORMA	DIMFINITO	NBILLETTE	NBILLETTEENTRATE	NBILLETTEUSCITE
PR4000	1762508058	RG146146	N17	6003507	R.EX.26,00BX3000.N17.M.SU/SU.B	RND	26,000	15	15	15
PR4000	1761716046	RG146146	n17	6003507	R.EX.26,00BX3000.N17.M.SU/SU.B	RND	26,000	15	15	15
PR4000	4390406027	RG146146	N17	6003507	R.EX.26,00BX3000.N17.M.SU/SU.B	RND	26,000	15	15	15
PR4000	4390526028	RG146146	N17	6003507	R.EX.26,00BX3000.N17.M.SU/SU.B	RND	26,000	15	15	15

Dati Analisi

CODFORNO	CODANALISI	ANNO	DATAINS	CODLEGAQ	DESCRIZIONE	CODDIAM	DESCRIZIONE_1	NBARRE	CODLING1	CODLING2	CODLING
4	46301	2025	11/03/2025 22:13:55	001	N17	00001	410 mm	4	00405	00405	

Esci

- INTERNAL REPORT CREATION

Product family, 1-rod

Selection criteria

status/ article/ bollettino/ production order/ analyse / confirm item

List of Bulletins

With filter infomation: status/ bulletin number/ working order number/ production order number/ item/ mechanical standard/ alloy internal code/ internal semi-finished form/

F4 get info of the internal report (click F4 jump to internal report screenshot 20)/ No need

F5 copy the bulletin??/ not necesssary

F6 test or sample??/ go to inside the internal report

F7 rework or reporcessing??/ not necesssary

F8 validate the bulletin??/ not necesssary

F9 delete/ not necesssary

F10 deviation??/ not necesssary

Print the list/ <mark>not necesssary</mark>

cancel/

process?? <mark>not necesssary</mark>

15

- F6 – TEST REQUEST (RESULTS MANAGING FOLLOWING ARTICLE MASTER DATA)
- CHEMICAL PAGE è OK (BECAUSE CHEMICAL ANALYSIS NUMBER USED WAS ALREADY VALIDATE)

Bolletin number/ status/ type/ form/ dimension/ internal alloy/ internal specification form

Production order item/ client

Chemical standard/ chemical standard number/ metal alloy / standard/ mechanical standard number/ special form meterial

Standard dimension / standard dimension code/ info / working order number/ analyse number

Chemical/ Mechanical

Element / type of the element minimal and maximal value

concentration/ outcome/ threshold/ fixed string

Type elements: concentration/ by difference/ impurity

F9 calculation (Zn Element (Rem.) should be calculated by minus other elements percentage)/ calculation

F6 element detail edit the value. Change chemical and mechanical result, change the not correct one again.

F7 add a note put a note in printout

F5 delete element, (can not insert a new element)

F2 search for analysis results??/ not necessssary

Confirm (in active, the mechanical results are needed in this case)

cancle

save

First red highlighted column: control the limits, second column print on the bollittino, third column, print ont the certificate, first one comes from masterdata, second and third one we should have the operation option.

Only showed, the value is defined in the rule

Elemento	Tipo elemento	Limite Min.	Limite Max.	Valore	Str. Fissa	Esito	Ctl. Lim.	Prn. Boll.	Prn. Cert.
Cu	Concentrazione	57	59	57.7255		Ok	√	√	√
Pb	Concentrazione	1.6	2.2	1.9513		Ok	√	√	√
Zn	Per differenza	30	45	39.655	Rem.	Ok		√	√
Al	Impurezza	0	0.05	0.0034		Ok	√	√	√
As	Impurezza	0	0.02	0.0107		Ok	√	√	√
Bi	Impurezza	0	0.02	0.0085		Ok	√	√	√

Which rule will be displayed?? Through e.g. C31 N17 fix the rule number and display only this rule.

Only one rule

16

- MECHANICAL PAGE => (VALUES/RESULTS TO BE FILLED IN)

- Test/ unit/ result type/ Minimal maximal limits/ Results/ outcome(tobe performed)/ test type (Dimensional Tolerance Mechanical/Physical)

- Through the in this case article typology code (in this case B0), general specification code A01/ Product Shape Code T01/ Official alloy code C37/ Internal alloy description N17 to locate which kind of mechanical test we need to use.

- Give the result into system manually

- 17

F6 – TEST - RESULT TO BE FILLED AND VALIDATED

F9 calculation need

F6 test (validate the entered results) edit

F7 note, for print note giving some commets need

F5 delete the marked element need

This is a example after click F6

The input value must be checked

18

After finishing mechanical validation, the status of the internal reports should change to fine, OK

INTERNAL REPORT STATUS UPDATING (FROM CREATED TO END OK)

Product family, 1-rod

Selection criteria

status/ article/ bollettino/ production order/ analyse / confirm item

List of Bulletins

status/ bulletin number/ working order number/ production order number/ item/ mechanical standard/ alloy internal code/ internal semi-finished form/

F4 get info of the internal report/ F5 copy the bulletin/ F6 test or sample/ F7 rework or reporcessing/ F8 validate the bulletin/ F9 delete/ F10 deviation/ Print the list/ cancel/ process

19

- INTERNAL REPORT PRINTING
- 20

PRESTAMPA BOLLETTINO

Num. Bollettino: 25130024

Of/Odl: 146146
Num. Analisi: 446301

Conferma/Voce: 11014134/10   Cliente: HME BRASS ITALY SPA
Articolo   : 6003507 - R.EX. 26,00BX3000.N17 .M   . SU/SU.B.kg.1000- STOCK
Tipologia   : Barre in verghe - RND
Dimensione : Chia.:26
Lega Interna : N17
S. F. Interno: Estruso

Prove Meccaniche/Dimensionali

Norma/Specifica: EN 12165   S. F. Materiale: M
Norma Dimens. : EN 12165B

Prova	U.M.	Min	Max	Min AS	Max AS	1 Val.	2 Val.	3 Val.	Risul.	Esito
Diam./Lato/Chiave	mm	25.83	26.17						25.95	Ok
Durezza (HB)	HB	80	125						125	Ok

Note:

Prove Chimiche

Norma Chimica : EN 12165 CW617N   Lega Metallo: Ottone CW617N - DW

Analisi	Elemento	Minimo	Massimo	Stringa Fissa	Valore	Esito
	Cu	57	59		57.7255	Ok
	Pb	1.6	2.2		1.9513	Ok
	Zn	p.d.	45	Rem.	39.655	Ok
	Al	0	0.05		0.0034	Ok
	As	0	0.02		0.0107	Ok
	Bi	0	0.02		0.0085	Ok
	Cd	0	0.01		0	Ok
	Cr	0	0.02	<=0.02	0.001	Ok
	Fe	0	0.3		0.2858	Ok
	Mn	0	0.02		0.0038	Ok
	Ni	0	0.1		0.0858	Ok
	Sb	0	0.02		0.011	Ok
	Si	0	0.03		0.002	Ok
	Sn	0	0.3		0.2285	Ok
	As+Sb	0	0.15	<=0.15	0.0217	Ok
	Altre Imp.	0	0.1		0.016	Ok

Note:

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PRESTAMPA BOLLETTINO

Num. Bollettino: 25129906

Of/Odl: 0

Num. Analisi: 446108

Conferma/Voce: 11010387/60   Cliente: MICROMECCANICA SRL
Articolo   : 6003330 - R.DR.13,00D.58F .MS   S.C.H.kg . 900- Imb.5
Tipologia   : Barre in rotoli - RND
Dimensione : Chia.:13
Lega Interna : 58F
S. F. Interno: Duro normalizzato

Prove Meccaniche/Dimensionali

Norma/Specifica: EN 12166   S. F. Materiale: MS
Norma Dimens. : EN 12166D

Prova	U.M.	Min	Max	Min AS	Max AS	1 Val.	2 Val.	3 Val.	Risul.	Esito
Allungamento (A5)	%	15								Da Eseguire
Carico Rottura Unitario (Rm N/mm²)		430								Da Eseguire
Carico Snerv. Unit. (Rp 0.2 N/mm²		250								Da Eseguire
Diam./Lato/Chiave	mm	12.93	13							

Note:

Prove Chimiche

Norma Chimica : EN 12166 CW614N   Lega Metallo: Ottone CW614N

Analisi	Elemento	Minimo	Massimo	Stringa Fissa	Valore	Esito
	Cu	57	59		58.283	Ok
	Pb	2.5	3.5		3.177	Ok
	Zn	p.d.		Rem.	38.024	Ok
	Al	0	0.05		0	Ok
	As	0	0.02		0.0105	Ok
	Bi	0	0.02		0.015	Ok
	Cd	0	0.01		0	Ok
	Cr	0	0.02	<=0.02	0.001	Ok
	Fe	0	0.3		0.2295	Ok
	Mn	0	0.02		0.001	Ok
	Ni	0	0.2		0.0625	Ok
	Sb	0	0.02		0	Ok
	Si	0	0.03		0	Ok
	Sn	0	0.3		0.1965	Ok
	As+Sb	0	0.15	<=0.15	0.0105	Ok
	Altre Imp.	0	0.1		0	Ok

Note:

Ø 12,97   ØT   SE2 | A5 |
                                     |e |1

RM

RP 0,2

Note Certificato: §Conf.:4MS LIST/UBA (D)/D.M. Salute 6.4.2004 n.174 (I)/Arrêté du 29 mai 1997 (F§

A %

Serravalle Scrivia 27/02/2025   Data ultima Modifica: 27/02/2025

Pag.1

Certification Creation

Enter Delivery note / Item

=> system find out the Sales order number, article, the customer, also Delivery quantity and shipment order number

=> the sales order + list must be displayed as a list. Because one DN + item could conatain more than one sales order item (in check with Italy)

If the certification with 3.1

Delivery note + item => first production order + time with batch number

If the certification with 2.2

Delivery note + item => article

Then we must find all production orders with this article (in the last 3 years), do the average calculation

See SAP ZSD217 / ZSD214

If a delivery note ITEM is created, a unique certification number must be generated, it could be a running number or use deliverynote+item as number and transferred to new software.

The new generated certification in new software must use this unique number.

HME Brass Italy S.p.A.

DOCUMENTO di CONTROLLO

```
Documento      : 637257
Cliente        : PONTECORVO SPA
Rif. Cliente   : 1039
Conferma/Voce  : 703820/1              Art. EM: 0520204
Desc. Materiale : BARRA TORNERIA EN 12164 - Ottone CW617N - DW - M -
                 RND 8.0 MM A L. 3000 MM - Punta/Smusso
Art. Cliente   :
Quantità       : KG 873
```

Composizione Chimica:EN 12164 CW617N

Inspection Document printing(picking list)

SE	Certificate number	Shipment numb...	Shipment number Created ...	Delivery	Actual Goods Movement d...	Goods Movement Sta...	Delivery ty...	Delivery type Descripti...	Ship-to Party	Ship-to Party Descripti...	Sold-to Pa...	Sold-to Party Descripti...	Delivery Item	Production or...	Material num...	Material Des
☑	6003432-PL	1007178	20.05.2025	81026981	20.05.2025	C	ZLF5	Outbound Delive. MTS	30002084	MARVIT S.P.A.	30002084	MARVIT S.P.A.	10	110000008600	6003432	ROD FREE
☑	6003432-PL	1007178	20.05.2025	81026981	20.05.2025	C	ZLF5	Outbound Delive. MTS	30002084	MARVIT S.P.A.	30002084	MARVIT S.P.A.	900001	110000013011	6003432	ROD FREE
☐		1007178	20.05.2025	81026981	20.05.2025	C	ZLF5	Outbound Delive. MTS	30002084	MARVIT S.P.A.	30002084	MARVIT S.P.A.	20	110000008600	6003419	ROD FREE
☐		1007178	20.05.2025	81026981	20.05.2025	C	ZLF5	Outbound Delive. MTS	30002084	MARVIT S.P.A.	30002084	MARVIT S.P.A.	900016	110000013182	6003419	ROD FREE
☐		1007178	20.05.2025	81026981	20.05.2025	C	ZLF5	Outbound Delive. MTS	30002084	MARVIT S.P.A.	30002084	MARVIT S.P.A.	30	110000008600	6003472	ROD FREE
☐		1007178	20.05.2025	81026981	20.05.2025	C	ZLF5	Outbound Delive. MTS	30002084	MARVIT S.P.A.	30002084	MARVIT S.P.A.	900003	110000015464	6003472	ROD FREE
☐		1007178	20.05.2025	81026981	20.05.2025	C	ZLF5	Outbound Delive. MTS	30002084	MARVIT S.P.A.	30002084	MARVIT S.P.A.	40	110000008600	6002001	ROD FREE

The number of the

confirmation/ item click confirm button, then the following info should be shown.

Article / description of the article, client/ the ordered quantity

- QUANTITY TO BE CERTIFIED

Give the quantity to be certified,

traceability and aggregation are optional No need

Confirm to generate and

Print the certificates/

Save the certificate as a digital file (Includes the company header/logo and standard formatting in the document. Usually they should be kept checked.)

Send the certificate through EMail

Certificazione - Conferma / Voce

Conferma	Voce		Qtà Certificata (KG)	Rintracciabilità	Aggregazione
703820	1	✓ Conferma	873		

Cod. Articolo   **Desc. Articolo**

0520204	R.DR. 8,00AX3000.PTL .M .

Cliente   **Quantita' Ordinata**

08002732 - PONTECORVO SPA	873

- ⊘ Annulla
- ✓ Conferma
- 🚪 Esci

Certificazione - Tipo di stampa

Selezionare il tipo di stampa

- ○ Stampa certificati
- ⦿ Salva certificati su file   ☑ Intestazione
- ○ Invia certificati

- ✓ Conferma
- ⊘ Annulla

HME Brass Italy S.p.A.

HME

DOCUMENTO di CONTROLLO

Documento	: 637257	
Cliente	: PONTECORVO SPA	
Rif. Cliente	: 1039	
Conferma/Voce	: 703820/1	Art. EM: 0520204
Desc. Materiale	: BARRA TORNERIA EN 12164 - Ottone CW617N - DW - M - RND 8.0 MM A L. 3000 MM - Punta/Smusso	
Art. Cliente	:	
Quantità	: KG 873	

Composizione Chimica:EN 12164 CW617N

Elemento (%)	Cu	Pb	Zn	Al	As	Bi	Cd	Cr	Fe
Min	57.0	1.6		0.0	0.0	0.0	0.0	0.0	0.0
Max	59.0	2.2		0.05	0.02	0.02	0.01	0.02	0.3
445128	57.64	2.02	Rem.	0.00	0.00	0.01	0.00	<=0.02	0.24

Elemento (%)	Mn	Ni	Sb	Si	Sn	As+Sb	Altre Imp.		
Min	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
Max	0.02	0.1	0.02	0.03	0.3	0.15	0.1		
445128	0.01	0.07	0.00	0.00	0.21	<=0.15	0.01		

Caratteristiche Fisiche:EN 12164 M

Prova	Rm	Rp 0.2	A 11,3	HB				
	N/mm²	N/mm²	%	HB				
Min								
Max								
25129848	550	445	5.9	155				

Caratteristiche Dimensionali:EN 12164A

Prova	Dimensione							
	mm							
Min	7.940							
Max	8.000							
25129848	7.975							

Note

Conf.:4MS LIST/UBA (D)/D.M. Salute 6.4.2004 n.174 (I)/Arrêté du 29 mai 1997 (F

HME Brass Italy S.p.A.

HME

INSPECTION DOCUMENT

Document Nr	: 637257
Customer	: PONTECORVO SPA
Customer Ref.	: 1039
Job Number	: 703820/1 Item EM: 0520204
Material Desc.	: ROD FREE MACHINING EN 12164 - Brass CW617N - DW - M - RND 8.0 MM A L. 3000 MM - Pointed/Chamfered
Part Number	:
Quantity	: KG 873

Chemical Composition:EN 12164 CW617N

%		Cu	Pb	Zn	Al	As	Bi	Cd	Cr	Fe
	Min	57.0	1.6		0.0	0.0	0.0	0.0	0.0	0.0
	Max	59.0	2.2		0.05	0.02	0.02	0.01	0.02	0.3
445128		57.64	2.02	Rem.	0.00	0.00	0.01	0.00	<=0.02	0.24

%		Mn	Ni	Sb	Si	Sn	As+Sb	Other Imp.		
	Min	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
	Max	0.02	0.1	0.02	0.03	0.3	0.15	0.1		
445128		0.01	0.07	0.00	0.00	0.21	<=0.15			

Physical Characteristics:EN 12164 M

Test		Tensile Strength N/mm²	Yeld St. 0.2 N/mm²	Elong. 11,3 %	HB HB				
	Min								
	Max								
25129848		550	445	5.9	155				

Dimensional Characteristics:EN 12164A

Test		Size mm							
	Min	7.940							
	Max	8.000							
25129848		7.975							

Note

Conf.:4MS LIST/UBA (D)/D.M. Salute 6.4.2004 n.174 (I)/Arrêté du 29 mai 1997 (F