

# Old App Screenshot

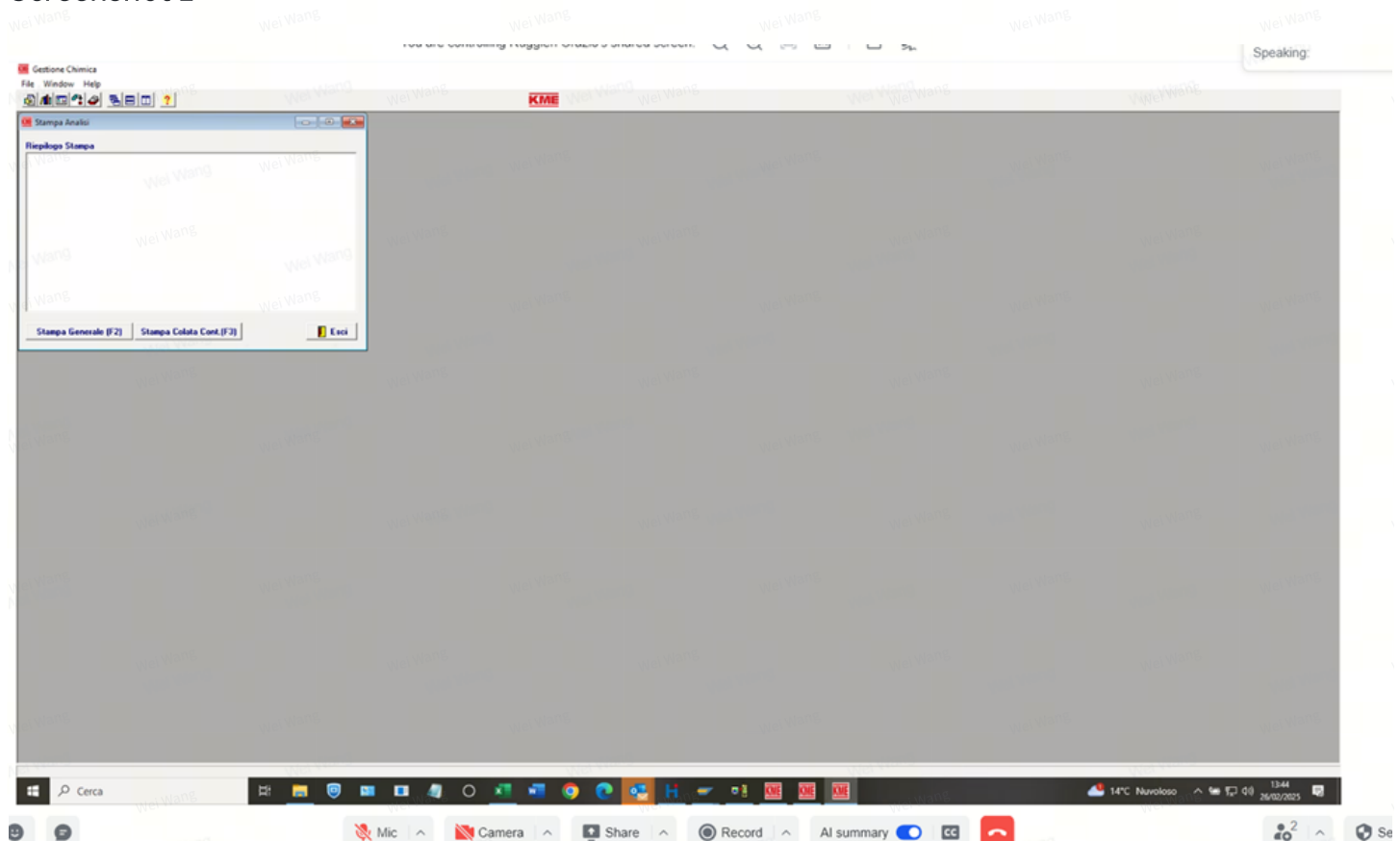
## Chemical Analyse

IMPORT ANALYSIS FROM LAB DEVICE/

We need import button to import lab file

Button (generation): imported and validated 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)

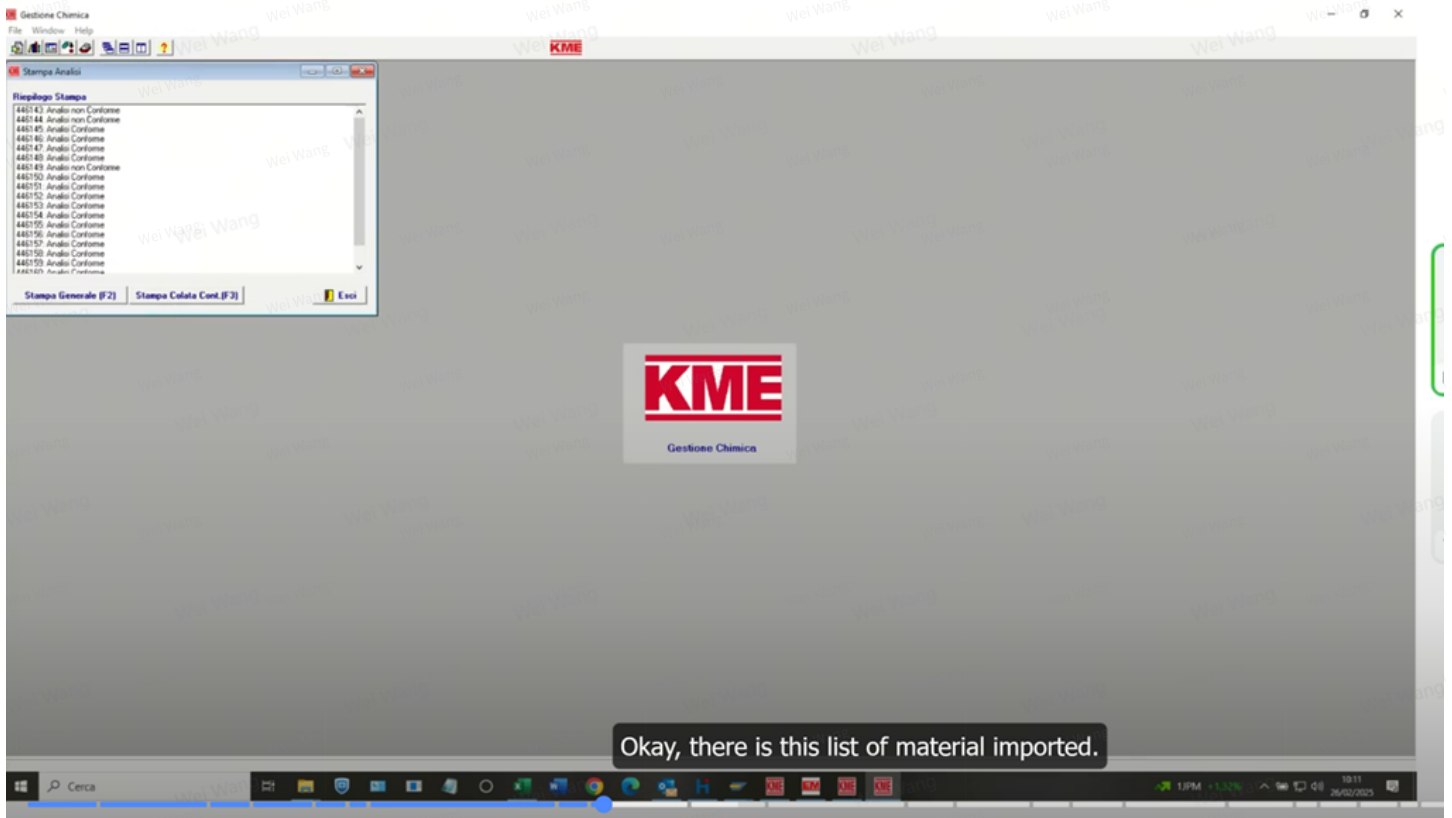
Confirmed: Data import successfully, data validated postively

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

**KME Analisi non Conformi**

Lista Non Conformi | Modifica Analisi | Controllo Norme

Analisi	LA	Lega Fonderia	Formato	Dimensioni	Lega Interna
446741		N17	Barra	410	N17
446742		N17	Barra	410	N17
446743		N17	Barra	410	N17
446744		N17	Barra	410	N17

Modifica Analisi (F2)    Controllo Norme (F3)    Esci

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

Not validated feild will be shown in red

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**KME Analisi non Conformi**

Lista Non Conformi | Modifica Analisi | Controllo Norme

Analisi: 508506    Lega Fonderia: L    Formato: Barra    Dimensioni: 0    Data Fusione: 01/05/2025    Data Ult. Mod.: 08/05/2025

Ko	Cu	57.95	Pb	2.532	Ni	0.12	Zn	39.36	Fe	0.012	Sn	0.006	Mn	0.002	Al	0.009	Ti	0
	Ag	0	Si	0	S	0	P	0	As	0	Se	0	Bi	0	Sb	0.002	Nb	0
	Te	0	Cd	0.001	O	0	Mg	0	Zr	0	Cr	0.001	C	0	Ca	0	IT	AT

Rottamazione (F8)    Convalida (F4)    Lista Non Conformi (F5)    Controllo Norme (F7)    Conferma    Annulla    Esci

**KME Analisi non Conformi**

Lista Non Conformi | Modifica Analisi | Controllo Norme

Analisi: 446741 | Lega Fonderia: N17 | Formato: Barra | Dimensioni: 410 | Data Fusione: 08/05/2025 | Data Ult. Mod.: 09/05/2025

Ko	Cu	57.824	Pb	1.9675	Ni	0.0785	Zn	39.6055	Fe	0.2865	Sn	0.221	Mn	0.002	Al	0	Ti	0
Ag	0	Si	0	S	0	P	0.004	As	0.0035	Se	0	Bi	0.007	Sb	0	Nb	0	
Te	0	Cd	0	O	0	Mg	0	Zr	0	Cr	0.0005	C	0	Ca	0	IT	AT	

Rottamazione (F8) | Convalida (F4) | Lista Non Conformi (F5) | Controllo Norme (F7) | Conferma | Annulla | Esci

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 available with no red field

Button scrap

**KME Analisi non Conformi**

Lista Non Conformi | Modifica Analisi | Controllo Norme

**Analisi** 446741 **Lega Fonderia** N17 **Formato** Barra **Dimensioni** 410 **Data Fusione** 08/05/2025 **Data Ult. Mod.** 09/05/2025

Ko	Cu	Pb	Ni	Zn	Fe	Sn	Mn	Al	Ti
	57.824	1.9675	0.0785	39.6055	0.2865	0.221	0.002	0	0
Ag	Elemento: CU, Min=57.5 Max=57.8				As	Se	Bi	Sb	Nb
0	0	0	0	0.004	0.0035	0	0.007	0	0
Te	Cd	0	Mg	Zr	Cr	C	Ca	IT	AT
0	0	0	0	0	0.0005	0	0		

Rottamazione (F8) Convalida (F4) Lista Non Conformi (F5) Controllo Norme (F7) Conferma Annulla Esci

manual value modification to be accepted

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**KME Analisi non Conformi**

Lista Non Conformi | Modifica Analisi | Controllo Norme

**Analisi** 446741 **Lega Fonderia** N17 **Formato** Barra **Dimensioni** 410 **Data Fusione** 08/05/2025 **Data Ult. Mod.** 12/05/2025

Ok	Cu	Pb	Ni	Zn	Fe	Sn	Mn	Al	Ti
	57.8	1.9675	0.0785	39.6055	0.2865	0.221	0.002	0	0
Ag	Si	S	P	As	Se	Bi	Sb	Nb	
0	0	0	0.004	0.0035	0	0.007	0	0	
Te	Cd	0	Mg	Zr	Cr	C	Ca	IT	AT
0	0	0	0	0	0.0005	0	0		

Rottamazione (F8) Convalida (F4) Lista Non Conformi (F5) Controllo Norme (F7) Conferma Annulla Esci

Double confirm the validation results

**KME Analisi non Conformi**

Lista Non Conformi | Modifica Analisi | Controllo Norme

Analisi: 508506 | Lega Fonderia: L | Formato: Barra | Dimensioni: 0 | Data Fusione: 01/05/2025 | Data Ult. Mod.: 08/05/2025

Ok	Cu	58	Pb	2.532	Ni	0.12	Zn	39.36	Fe	0.012	Sn	0.006	Mn	0.002	Al	0.009	Ti	0
	Ag	0	Si	0	S	0	P	0	As	0	Se	0	Bi	0	Sb	0.002	Nb	0
	Te	0	Cd	0.001	O	0	Mg	0	Zr	0	Cr	0.001	C	0	Ca	0	IT	AT

Rottamazione (F8) | Convalida (F4) | Lista Non Conformi (F5) | Controllo Norme (F7) | Conferma | Annulla | Esci

**Confirm**

Si desidera convalidare l'analisi?

Yes No

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 should be put in red, the below will give you a overview of all rules.

**KME Analisi non Conformi**

Lista Non Conformi | Modifica Analisi | Controllo Norme

**Analisi** 446741 **Lega Fonderia** N17 **Lega Interna** N17 **Formato** Barra **Dimensioni** 410

**Norme**  
 Ko-ASTM  
 Ko-ASTM  
 Ok-DIN  
 Ok-EN  
 Ok-EN  
 Ok-EN  
 Ok-EN  
 Ko-Europa Metalli  
 Ko-Europa Metalli  
 Ko-Europa Metalli  
 Ko-Europa Metalli  
 Ko-Europa Metalli

**Elementi Norma**

	Esito	Elemento	Valore	Min	Max	Tipo Elemento
►	Ko	Cu	57.824	58	61	Concentrazione
	Ok	Pb	1.9675	1.5	2.5	Concentrazione
	Ko	Zn	39.6055	37.29	39.3	Per differenza
	Ok	Fe	0.2865	0	0.3	Impurezza

**Lega Metallo** Ottone C37700

**Numero Norma** B124M

**Nome Lega Norma** C37700

**Impurezze Totali**

Esito	Valore	Max
Ok	0	0

**Altre Impurezze**

Esito	Valore	Max
Ok	0.3165	0.5

Prestampa (F2) | Convalida (F3) | Rottamazione (F8) | Lista Non Conformi (F5) | Modifica Analisi (F7) | Esci

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

**KME Analisi Archivate**

Archivio Analisi | Lettura Analisi

**Selezione**

Stato:  Anno: 2025 Analisi:  Lega Fonderia: N17

☒ Disattiva Selez.

Stato	Anno	Analisi	Lega	Lega Fonderia	Formato	Dimensioni	Lega Inte
Conforme Norma Interna	2025	446737		N17	Barra	410	N17
Conforme Norma Interna	2025	446738		N17	Barra	410	N17
Conforme Norma Interna	2025	446739		N17	Barra	410	N17
Conforme Norma Interna	2025	446740		N17	Barra	410	N17
• Conforme Norma Interna	2025	446741		N17	Barra	410	N17
• Conforme Norma Interna	2025	446742		N17	Barra	410	N17
• Conforme Norma Interna	2025	446743		N17	Barra	410	N17
▶ Conforme Norma Interna	2025	446744		N17	Barra	410	N17
Conforme Norma Interna	2025	446745		N17	Barra	410	N17
Conforme Norma Interna	2025	446746		N17	Barra	410	N17
Conforme Norma Interna	2025	446747		N17	Barra	410	N17
Conforme Norma Interna	2025	446748		N17	Barra	410	N17
Conforme Norma Interna	2025	446749		N17	Barra	410	N17

## 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/ dimensional standard number

standard/ standard number/ material specification form

Button confirm\ exist

Button at bottom: generation \ cancel operation



**KME Generazione Bollettino da Conferma / Voce**

Conferma Voce

☐ Conferma ☐ Esci

N° di bollettini da generare

**Dati della Conferma / Voce**

<b>Codice Cliente</b>	<b>Cliente</b>	<b>Data Scadenza</b>
<input type="text"/>	<input type="text"/>	<input type="text"/>
<b>Cod. Articolo</b>	<b>Desc. Articolo</b>	
<input type="text"/>	<input type="text"/>	
<b>Tipologia</b>	<b>Lega Interna</b>	<b>S. F. Interno</b>
<input type="text"/>	<input type="text"/>	<input type="text"/>
<b>Lega Metallo</b>	<b>Norma Dim. / Agg.</b>	<b>N° Norma Dim. / Info Agg.</b>
<input type="text"/>	<input type="text"/>	<input type="text"/>
<b>Norma</b>	<b>N° Norma</b>	<b>S. F. Materiale</b>
<input type="text"/>	<input type="text"/>	<input type="text"/>

- PRODUCTION ORDER/LINE Enter (ORDER DATA SHOWN AUTOMATICALLY)

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**KME Generazione Bollettino da Conferma / Voce**

Conferma Voce

☒ Conferma ☐ Esci

OF / OdL Analisi N° di bollettini da generare

**Dati della Conferma / Voce**

<b>Codice Cliente</b>	<b>Cliente</b>	<b>Data Scadenza</b>
<input type="text" value="00002180"/>	<input type="text" value="HME BRASS ITALY SPA"/>	<input type="text" value="18/04/2025"/>
<b>Cod. Articolo</b>	<b>Desc. Articolo</b>	
<input type="text" value="6003507"/>	<input type="text" value="R.EX. 26,00BX3000.N17 .M . SU/SU.B.kg.1000- STOCK"/>	
<b>Tipologia</b>	<b>Lega Interna</b>	<b>S. F. Interno</b>
<input type="text" value="B0-Barre in verghe"/>	<input type="text" value="C31-N17"/>	<input type="text" value="A01-Estruso"/>
<b>Lega Metallo</b>	<b>Norma Dim. / Agg.</b>	<b>N° Norma Dim. / Info Agg.</b>
<input type="text" value="C37-Ottone CW617N - DW"/>	<input type="text" value="EN"/>	<input type="text" value="121658"/>
<b>Norma</b>	<b>N° Norma</b>	<b>S. F. Materiale</b>
<input type="text" value="EN"/>	<input type="text" value="12165"/>	<input type="text" value="C81-M"/>

- After Giving Production order number, system find out the WORKING Order NUMBER as well as chemical ANALYSIS number , (in Oracle 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
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KME

Generazione Bollettino da Conferma / Voce

Conferma

Voce

11014134

10

✓ Conferma

Esci

OF / OdL

Analisi

N° di bollettini da generare

146146

446301

1

Dati della Conferma / Voce

Codice Cliente

00002180

Cod. Articolo

6003507

Tipologia

B0-Barre in verghe

Lega Metallo

C37-Ottone CW617N - D'W

Norma

EN

Cliente

HME BRASS ITALY SPA

Desc. Articolo

R.EX. 26,00BX3000.N17 .M . SU/SU.B.kg.1000- STOCK

Legg Interna

C31-N17

Norma Dim. / Agg.

EN

N° Norma

12165

Data Scadenza

18/04/2025

S. F. Interno

A01-Estruso

N° Norma Dim. / Info Agg.

12165B

S. F. Materiale

C81-M

Generazione

⛔ Annulla Operazione

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

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FCollo\_Aggr

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

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	CODLINK
4	46301	2025	11/03/2025 22:13:55	001	N17	00001	410 mm	4	00405	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 information: 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 necessary

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

F7 rework or reprocessing?/? not necessary

F8 validate the bulletin?/? not necessary

F9 delete/ not necessary

F10 deviation?/? not necessary

Print the list/ not necessary

cancel/

process?? not necessary

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**Gestione Bollettini - Bollettini Attivi**

**Famiglie Prodotti**

1 - Barre

Conferma Esci

**Selezione**

Stato Articolo Bollettino OF / OdL Analisi Conferma / Voce

Attiva Selez.

**Lista Bollettini**

Stato	BOLL	ORDFAB	CONF	VOCE	NORMA_MECCANICA	LEGA_INTERNA	SF_INTERNO	DIMENSION
CREATO	25130024	146146	11014134	10	EN	N17	Estruso	Chia.:26

Info (F4) Copia (F5) Prove (F6) Rilavorazione (F7) Convalida (F8) Cancella (F9) Deroga (F10) Stampa Lista Annulla Processo

- 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 material

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 necessary

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

cancel

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

<b>Elemento</b>	<b>Tipo Elemento</b>	<b>Valore Min.</b>	<b>Valore Max.</b>
Cu	Concentrazione	57	59
<b>Concentrazione</b>	<b>Esito</b>	<b>Valore di Soglia</b>	<b>Stringa Fissa</b>
57.7255	Ok		

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	✓	✓	✓

**Calcola p.d. (F9)** **Elemento (F6)** **Nota (F7)** **Cancella (F5)** **Cerca Analisi (F2)** ☒ **Conferma**

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

Only one rule

**KME Gestione Bollettini - Prove**

**Bollettino** 25130024 **Stato** CREATO **Tipologia** B0 - Barre in verghe **Forma** T01 - RND **Dimensioni** Chia.:26

**Lega Interna** C31 - N17 **S.F. Interno** A01 - Estruso **Conferma / Voce** 11014134 10 **Cliente** HME BRASS ITALY SPA

**Norma Chimica** CW617N **N° Norma Chimica** 12165 **Lega Metallo** C37 - Ottone CW617N - DW **Norma / Specifica** EN **N° Norma Mecc.** 12165 **S. F. Materiale** C81 - M

**Norma Dim. / Agg.** EN **N° Norma Dim. / Agg.** 12165B **OF / OdL** 146146 **Analisi** 446301

**Chimica** ☒ **Fisica / Mecc.** ☐

Elemento	Tipo Elemento	Valore Min.	Valore Max.
Cu	Concentrazione	57	59

Concentrazione	Esito	Valore di Soglia	Stringa Fissa
57.7255	Ok		

Elemento	Tipo elemento	Limite Min.	Limite Max.	Valore	Str. Fissa	Esito	Ctl. Lim.	Pm. Boll.	Pm. 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	✓	✓	✓

**Calcola p.d. (F9)** **Elemento (F6)** **Nota (F7)** **Cancella (F5)** **Cerca Analisi (F2)** **Conferma** **Annulla**

- 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.

SAP ARTICLES (Read-Only) - Excel

Material	Material Description	Product Shape Code	Product Shape Description	Edge shape	General Specification Code	General Specification Description	General Specification Number	Dimensional Specification Code	Dimensional Specification Number	Official Alloy Code	Official Alloy Description	Internal Alloy Code	Internal Alloy Description	Official Temper Code
6003918	REX. 55.00BX3000 U40 M .SUSU B.kg	T01	RND		E01	EN	12165	E01	12165B	U40	998	U40	C81	N
6003919	REX. 24.00BX4000 N17 H090 .SUSU B.kg	T01	RND		E01	EN	12165	E01	12165B	C37	C31	N17	C15	F
6003920	RDR. 10.00CX3000 N14 R500 .PTSP B.kg	T01	RND		E01	EN	12164	E01	12164C	C36	C33	N14	C52	F
6003921	RDR. 25.00AX3000 S14 H090 .LCISC B.kg	T01	RND		E01	EN	12164	E01	12164A	C36	C32	S14	C15	F
6003922	REX. 26.00BX4000 N17 H090 .SUSU B.kg	T01	RND		E01	EN	12165	E01	12165B	C37	C31	N17	C15	F
6003923	REX. 27.00BX3000 S52 M .SUSU B.kg	T01	RND		E01	EN	12165	E01	12165B	C36	D11	S52	C81	N
6003924	REX. 20.00BX4000 N17 H090 .SUSU B.kg	T01	RND		E01	EN	12165	E01	12165B	C37	C31	N17	C15	F
6003925	REX. 29.00BX3000 N17 H090 .SUSU B.kg	T01	RND		E01	EN	12165	E01	12165B	C37	C31	N17	C15	F
6003926	REP. 5.20 B .M .C.C.kg 170-BT	T01	RND		E01	EN	12166	K06	-	C36	C63	B	C81	N
6003927	REP. 6.80 S8F .M .C.C.kg 170-BT	T01	RND		E01	EN	12166	K06	-	C36	S80	S8F	C81	N
6003928	FEP. 5.20X 4.50 .N12 M .C.	P08	RCT	SH	E01	EN	12166	K06	-	CAA	C60	N12	C88	N
6003929	FEP. 7.00X 5.50 .N12 M .C.	P08	RCT	SH	E01	EN	12166	K06	-	CAA	C60	N12	C88	N
6003930	RDR. 26.00AX3000 PTL .M .PTCH B.kg	T01	RND		E01	EN	12164	E01	12164A	C37	C08	PTL	C81	N
6003931	RDR. 40.00AX3000 S14 H090 .LCISC B.kg	T01	RND		E01	EN	12164	E01	12164A	C36	C32	S14	C15	F
6003932	RDR. 7.00E N12 M .C.H.kg 600-Imb	T01	RND		E01	EN	12166	E01	12166E	CAA	C60	N12	C81	N
6003933	RDR. 5.50E N12 M .C.H.kg 600-Imb	T01	RND		E01	EN	12166	E01	12166E	CAA	C60	N12	C81	N

- Give the result into system manually



**KME Gestione Bollettini - Prove**

<b>Bollettino</b>	<b>Stato</b>	<b>Tipologia</b>	<b>Forma</b>	<b>Dimensioni</b>
25130024	CREATO	B0 - Barre in verghe	T01 - RND	Chia.:26
<b>Lega Interna</b>	<b>S.F. Interno</b>	<b>Conferma / Voce</b>	<b>Cliente</b>	
C31 - N17	A01 - Estruso	11014134 10	HME BRASS ITALY SPA	
<b>Norma Chimica</b>	<b>N° Norma Chimica</b>	<b>Lega Metallo</b>	<b>Norma / Specifica</b>	<b>N° Norma Mecc.</b>
CW617N	12165	C37 - Ottone CW617N - D'W	EN	12165
<b>Norma Dim. / Agg.</b>	<b>N° Norma Dim. / Agg.</b>	<b>Info</b>	<b>OF / OdL</b>	<b>Analisi</b>
EN	121658		146146	446301
<b>Chimica</b>	<b>Fisica / Mecc.</b>			
Ok	?			
<b>Prova</b>	<b>UM</b>	<b>Tipo Prova</b>	<b>Tipo del Risultato</b>	<b>Valore Min.</b>
Diam./Lato/Chiave	mm	Tolleranza Dimensionale	Numerico	25.83
<b>Risultato</b>	<b>Esito</b>			
0	Da Eseg			

Prova	U.M.	Tipo del Risultato	Lim. Min.	Lim. Max.	Risultato	Esito	Tipo Prova	Ctrl.Lim.	Pm.Bol.	Pm.Cer.
Diam./Lato/Chiave	mm	Numerico	25.83	26.17		Da Eseguire	Tolleranza Dimensionale	✓	✓	✓
Durezza (HB)	HB	Numerico	80	125		Da Eseguire	Meccanica/Fisica		✓	✓

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 comments need

F5 delete the marked element need

This is a example after click F6

The input value must be checked

**KME Gestione Bollettini - Prove**

<b>Bollettino</b> 25130024	<b>Stato</b> CREATO	<b>Tipologia</b> B0 - Barre in verghe	<b>Forma</b> T01 - RND	<b>Dimensioni</b> Chia.:26
<b>Lega Interna</b> C31 - N17	<b>S.F. Interno</b> A01 - Estruso	<b>Conferma / Voce</b> 11014134 10	<b>Cliente</b> HME BRASS ITALY SPA	
<b>Norma Chimica</b> CW617N	<b>N° Norma Chimica</b> 12165	<b>Lega Metallo</b> C37 - Ottone CW617N - DW	<b>Norma / Specifica</b> EN	<b>N° Norma Mecc.</b> 12165
<b>Norma Dim. / Agg.</b> EN	<b>N° Norma Dim. / Agg.</b> 12165B	<b>Info</b>	<b>OF / OdL</b> 146146	<b>Analisi</b> 446301
<b>Chimica</b> <input type="checkbox"/> Ok	<b>Fisica / Mecc.</b> <input type="checkbox"/> ?			
<b>Prova</b> Diam./Lato/Chiave	<b>UM</b> mm	<b>Tipo Prova</b> Tolleranza Dimensiona	<b>Tipo del Risultato</b> Numerico	<b>Valore Min.</b> 25.83
<b>Risultato</b> 25.95	<b>Esito</b> <input type="checkbox"/> Ok			

Prova	U.M.	Tipo del Risultato	Lim. Min.	Lim. Max.	Risultato	Esito	Tipo Prova	Ctl.Lim.	Pm.Bol.	Pm.Cer.
Diam./Lato/Chiave	mm	Numerico	25.83	26.17		Da Eseguire	Tolleranza Dimens	✓	✓	✓
Durezza (HB)	HB	Numerico	80	125		Da Eseguire	Meccanica/Fisica		✓	✓

**KME Gestione Bollettini - Prove**

<b>Bollettino</b> 25130024	<b>Stato</b> CREATO	<b>Tipologia</b> B0 - Barre in verghe	<b>Forma</b> T01 - RND	<b>Dimensioni</b> Chia.:26
<b>Lega Interna</b> C31 - N17	<b>S.F. Interno</b> A01 - Estruso	<b>Conferma / Voce</b> 11014134 10	<b>Cliente</b> HME BRASS ITALY SPA	
<b>Norma Chimica</b> CW617N	<b>N° Norma Chimica</b> 12165	<b>Lega Metallo</b> C37 - Ottone CW617N - DW	<b>Norma / Specifica</b> EN	<b>N° Norma Mecc.</b> 12165
<b>Norma Dim. / Agg.</b> EN	<b>N° Norma Dim. / Agg.</b> 12165B	<b>Info</b>	<b>OF / OdL</b> 146146	<b>Analisi</b> 446301
<b>Chimica</b> <input type="checkbox"/> Ok	<b>Fisica / Mecc.</b> <input type="checkbox"/> Ok			
<b>Prova</b> Durezza (HB)	<b>UM</b> HB	<b>Tipo Prova</b> Meccanica/Fisica	<b>Tipo del Risultato</b> Numerico	<b>Valore Min.</b> 80
<b>Risultato</b> 125	<b>Esito</b> <input type="checkbox"/> Ok			

Prova	U.M.	Tipo del Risultato	Lim. Min.	Lim. Max.	Risultato	Esito	Tipo Prova	Ctl.Lim.	Pm.Bol.	Pm.Cer.
Diam./Lato/Chiave	mm	Numerico	25.83	26.17	25.95	Ok	Tolleranza Dimens	✓	✓	✓
Durezza (HB)	HB	Numerico	80	125	125	Ok	Meccanica/Fisica		✓	✓

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





# 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:

# 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  
 Norma Dimens. : EN 12166D

S. F. Materiale: MS

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 (RmN/mm <sup>2</sup> )		430								Da Eseguire
Carico Snerv. Unit. (Rp 0.2N/mm <sup>2</sup> )		250								Da Eseguire
Diam./Lato/Chiave	mm	12.93	13							Da Eseguire

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 1/2 AZ 1/1

RM

RP 0,2

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

A%

Serravalle Scrivia 27/02/2025

Data ultima Modifica: 27/02/2025

# 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 contain 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.

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

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
	6003432-PL	1007178	20.05.2025	81026981	20.05.2025	C	ZLF5	Outbound Delve. MTS	30002084	MARVIT S.P.A.	30002084	MARVIT S.P.A.	10 110000008600 6003432
		1007178	20.05.2025	81026981	20.05.2025	C	ZLF5	Outbound Delve. MTS	30002084	MARVIT S.P.A.	30002084	MARVIT S.P.A.	900001 110000013011 6003432
		1007178	20.05.2025	81026981	20.05.2025	C	ZLF5	Outbound Delve. MTS	30002084	MARVIT S.P.A.	30002084	MARVIT S.P.A.	20 110000008600 6003419
		1007178	20.05.2025	81026981	20.05.2025	C	ZLF5	Outbound Delve. MTS	30002084	MARVIT S.P.A.	30002084	MARVIT S.P.A.	900016 110000013182 6003419
		1007178	20.05.2025	81026981	20.05.2025	C	ZLF5	Outbound Delve. MTS	30002084	MARVIT S.P.A.	30002084	MARVIT S.P.A.	30 110000008600 6003472
		1007178	20.05.2025	81026981	20.05.2025	C	ZLF5	Outbound Delve. MTS	30002084	MARVIT S.P.A.	30002084	MARVIT S.P.A.	900003 110000015464 6003472
		1007178	20.05.2025	81026981	20.05.2025	C	ZLF5	Outbound Delve. MTS	30002084	MARVIT S.P.A.	30002084	MARVIT S.P.A.	40 110000008600 6002001

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

**Certificazione - Conferma / Voce**

Conferma Voce Qtà Certificata

Cod. Articolo Desc. Articolo

Cliente Quantita' Ordinata

Annulla Conferma Esci

- QUANTITY TO BE CERTIFIED

Give the quantity to be certified,

traceability and aggregation are optional No need

**Certificazione - Conferma / Voce**

Conferma Voce Qtà Certificata (KG) Rintracciabilità Aggregazione

703820 1 0

Cod. Articolo Desc. Articolo

0520204 R.DR. 8.00AX3000.PTL.M

Cliente Quantita' Ordinata

08002732 - PONTECORVO SPA 873

Annulla Conferma Esci

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

703820

1

✓ Conferma

Qtà Certificata (KG)

Rintracciabilità

Aggregazione

873

Cod. Articolo

Desc. Articolo

0520204

R.DR. 8,004X3000.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

☐ Invia certificati

☒ Intestazione

✓ Conferma

⛔ Annulla



## 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/mm <sup>2</sup>	N/mm <sup>2</sup>	%	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)

## 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	Yield St. 0.2	Elong. 11,3	HB				
	N/mm <sup>2</sup>	N/mm <sup>2</sup>	%	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)