

CERTIFICATE OF ANALYSIS "COA"



Referential for writing the Certificate of Analysis (COA) or the Certificate of Compliance

PURPOSE

This document defines the content of the Certificate of Analysis (COA) or Certificate of Compliance required from the supplier for each delivery.

SCOPE

This document applies to all Raw Material deliveries on Michelin's plants or Michelin's sub-contractors plants.

PRINCIPLES

The nature and the content of the requested certificate are defined by Michelin.

The text of the certificate must be written in the language of the country where the product is received, or, by default, in English.

Each COA corresponds to a unique batch (the analytical results on the COA only concern one lot in particular).

When a batch is delivered in more than one delivery (example : for various Michelin plants), the COA related to the batch must be attached to each delivery.

If one delivery includes several batches, there will be as many COA's as batches

1. Supplier Certificate of Analysis "COA"

Mandatory information	Other information which may be required - <i>non exhaustive list</i> -	Mandatory format
Name of the supplier and/or Identification of the supplier production site (NIF) (1)		<ul style="list-style-type: none"> ▪ (1) Identifier of the supplier production site, Michelin sends the identifier to the supplier Identifier with five digit for Rubber Compounding raw materials and Metal Reinforcements (eg : 12345) Identifier with 7 alphanumeric characters for Textile (eg: FO12345). This identifier is not mandatory for natural rubber products
	Name of the Michelin plant receiving the product (2)	<ul style="list-style-type: none"> ▪ (2) Three-letter alphabetical identifier or full name for the plant. Refer to the list of plants (See attached list).
Product identification : <ul style="list-style-type: none"> • Michelin internal reference (3) • Batch number (4) • Manufacturing date (5) • Commercial name (6) 		<ul style="list-style-type: none"> ▪ (3) Alphanumeric identifier, Michelin gives this identifier to the supplier. <i>Examples: PG00218AB for Rubber compounding raw materials except natural rubber</i> <i>..... Commercial Name + packer code for Natural Rubber</i> <i>FM00001AG for wire rod</i> <i>AS12345 AA for steel cord</i> <i>AT76107X08 for Textile</i> ▪ (4) supplier format. Batch number must be a unique reference number. For natural rubber, batch number =SMPT batch number (n°Orchid) ▪ (5) Manufacturing date or rolling date and number of rolling ISO format DD/MM/YYYY ▪ (6) Commercial name mandatory only for Rubber compounding raw materials (Metal and Textile reinforcements are not concerned).
	Description of the receipt: <ul style="list-style-type: none"> • Michelin purchase order number • Total quantity of batch product delivered (7) • Type of packaging and number of units 	<ul style="list-style-type: none"> ▪ (7)Kilogram : Kg
Analytical results (8) of the batch and units (9) for each requested characteristic <i>(specifications characteristics or specific requests negotiated with the supplier.)</i>	<ul style="list-style-type: none"> • <i>Reminder of specifications</i> • <i>Measurement or calculation methods used</i> 	<ul style="list-style-type: none"> ▪ (8) Michelin gives Michelin code for each characteristic to the supplier through specifications. ▪ (9) For each characteristic, supplier measurement unit is same as the one requested in Michelin cahier des charges <i>For "Rubber compounding raw materials": 1 single expected value</i> <i>For "Textile and metal reinforcements":</i> <ul style="list-style-type: none"> - <i>Average value and standard deviation</i> - <i>Number of values taken into account in calculation</i> - <i>Minimum and maximum individual values</i>
Name and/or endorsement of the person responsible for the document	Endorsement date	

2. CERTIFICATE OF COMPLIANCE

The content of the Certificate of Compliance is identical to the content of the Certificate of Analysis, except the “**analytical results**” section which is replaced by a “**declaration of compliance.**”

3. IDENTIFIER LIST OF MICHELIN SITE

Zone / Pays		Site de livraison	Identifiant du site
AdN	Etats Unis/United States	ANDERSON	AND
AdN	Etats Unis/United States	ARDMORE	ARD
AdN	Etats Unis/United States	ASHBORO	ASH
Eur	U.K.	BALLYMENA	BAL
Eur	Allemagne/Germany	BAD KREUZNACH	BKR
AdS	Colombie/Colombia	BOGOTA	BOG
AdN	Canada	BRIDGEWATER	BRI
AdS	Colombie/Colombia	CALI	CAL
AdS	Brésil/Brazil	CAMPO GRANDE	CGR
Eur	France	CHOLET	CHO
AdN	Etats Unis/United States	COLUMBIA	CLB
Eur	Italie/Italia	CUNEO	CNO
Eur	France	COMBAUDE (Renfort TEXTILE)	CED
Eur	France	BASSENS	CSM
Eur	France	CATAROUX	CTX
AdN	Etats Unis/United States	DOTHAN	DTH
Eur	Russie/Russia	DAVYDOVO	DVY
Eur	Italie/Italia	FOSSANO	FOS
AdN	Etats Unis/United States	FORT WAYNE	FTW
AdN	Etats Unis/United States	COVINGTON	GEO
Eur	Allemagne/Germany	HOMBURG	HBG
Eur	Allemagne/Germany	KARLSRUHE	KAR
AdN	Etats Unis/United States	LEXINGTON/COLUMBIA (GC+AG)	LXT
Asie	Thaïlande/Thailand	LAEM CHABANG	LMC
AdN	Etats Unis/United States	LOUISVILLE	LSU
AdN	Etats Unis/United States	MARC	MAR
Asie	Thaïlande/Thailand	NONGKAE	NKE
AdN	Etats Unis/United States	NORWOOD	NWD
Eur	Hongrie/Hungaria	NYIREGYHAZA	NYH
Eur	Pologne/Poland	OLSZTYN	OLS

AdN	Canada	PICTOU	PPC
AdN	Etats Unis/United States	PRIME	PR1
Asie	Thaïlande/Thailand	PHRAPRADAENG	PPD
AdN	Mexique/Mexico	QUERETARO	QUE
AdS	B Brésil/Brazil	RESENDE	RES
Asie	Thaïlande/Thailand	BAN-KHAI (RAYONG, Renfort METAL)	RYG
AdN	Etats Unis/United States	US10 – GC at Starr	SCA
Asie	Chine/China	SHEN YANG	SY2
AdN	Etats Unis/United States	SPARTANBURG	SPA
AdN	Etats Unis/United States	STARR	STA
Asie	Chine/China	SHANGHAI (Renfort METAL)	SWR
Asie	Chine/China	SHANGHAI (TOURISME)	SMW
Eur	France	KLEBER TROYES	TRO
Eur	Serbie/Serbia	TIGAR	TRP
Eur	Italie/Italia	TURIN STURA	TST
AdN	Etats Unis/United States	TUSCALOOSA	TUS
Eur	Hongrie/Hungary	CARBONPACK	TUZ
AdN	Etats Unis/United States	TWEEL at Greenville	TW1
Eur	Algérie/Algeria	ALGER	UAL
Asie	Inde/India	CHENNAI	UCH
Eur	Espagne/Spain	LASARTE	UES
Eur	France	GOLBEY/EPINAL	UGO
Eur	France	TOURS	UJO
Eur	France	MEZIDON	UJO
Eur	France	MONTCEAU	UMO
AdN	Etats Unis/United States	GREENVILLE	US1
Eur	France	VANNES	VAN
Eur	Roumanie/Roumania	VICTORIA	VCT
Eur	Espagne/Spain	VITORIA	VIT
Eur	Espagne/Spain	VALLADOLID	VLD
AdN	Canada	WATERVILLE	WAT
Eur	Roumanie/Roumania	ZALAU	ZAL
Eur	Roumanie/Roumania	ZALAU (Renfort METAL)	ZAR